

# Aghreni Technologies Private Limited

**IMPROVING YOUR ROI BY LEVERAGING OPEN SOURCE  
TECHNOLOGIES AND SOLUTIONS**



- Inception in 2008. Based out of Bangalore India.
- High performance, tightly knit senior technology team working on Open Source Software, Technologies and Solutions
- To focus on providing technology and domain focus on Open Source Technologies and Solutions and educating community on Open Source
- Several years of experience in working with Open Source Software and Technologies and Training People
- **Locations**
  - NY City, NY : Sales and Business Development
  - Bangalore, India : Global Development Center

Aghreni offers skill enhancement programs in all its technology capability areas for:

- Experienced professionals - Corporate training model
- Fresh students – Finishing school model

Aghreni's corporate trainings are suited for working professional and covered in depth by highly experienced practicing professionals to address the needs of skills enhancements.

## PERL Technologies

- **Basic Perl**
  - Datatypes, File handling, Regex, I/O operations, String manipulation, Scripting, etc.
  - Duration: 3 days
- **Advanced Perl**
  - OO perl, Perl DBI, CPAN modules, etc.
  - Duration: 3 days
- **Web programming with Perl**
  - cgi-perl, embed perl, mod perl, catalyst, etc.
  - Duration: 3 days

## PERL Technologies (Continued)

- **Systems programming with Perl**
  - System administration using Perl.
  - Duration: 3 days
- **Perl for QA**
  - Test automation using Perl
  - Duration: 3 days
- **Service oriented Architecture with Perl**
  - XML, HTTP, SOAP calls, Catalyst
  - Duration: 3 days

## Ruby on Rails Technologies

- **Basic Ruby and Rails**
  - Ruby Language Basics, Object-Oriented Programming Concepts, Blocks and Closures, Model-View-Controller Concepts, (Ruby on) Rails – Basics, Scaffolding, Gems and Helpers, Active Record Basics, Action View Basics, Action View Helpers
  - Duration: 3 days
- **Advanced Ruby and Rails**
  - Meta Programming, Active Record Associations, Ajax on Rails, REST Concepts, Automating Rails Applications Deployment using Capistrano, Action Mailer, Rails and Security, Rails Plug-ins, Rails Mashups, overview of Rails 2.0 features, building Flickr (photo-sharing) in Ruby on Rails, Test automation using Ruby Tools (Watir, etc), building REST-ful applications in Ruby/Rails, Agile development methodologies overview (scrum, etc)
  - Duration: 3 days
- **Ruby for QA**
  - Test automation using Ruby
  - Duration: 3 days
- **Service oriented Architecture with Ruby**
  - XML, HTTP, SOAP calls, Catalyst
  - Duration: 3 days

## UI Technologies

- UI Basic
- Usability engineering

## Unix, Linux and Veritas

- Basic Linux Administration
- Advanced Linux Administration
- Basic Solaris Administration
- Advanced Solaris Administration
- Basic Veritas Volume Manager Administration
- Advanced Veritas Volume Manager Administration
- Shell Programming

## MySQL Database Administration

## Management and Leadership

- Project Management Processes
- Leadership

Aghreni has embarked on a mission to transform the just out of college tribe into tech savvy open-source technologists. It has experience in transforming several batches over the last 2 years, who have become highly productive in several Industries.

Aghreni's senior tech savvy leaders will provide this training directly.

1. Certification Course in Open Source Technologies with Perl
2. Advanced Developer Certification Course in Open Source Technologies with Perl
3. Certification Course in Open Source Technologies with PHP
4. Advanced Developer Certification Course in Open Source Technologies with PHP
5. Certification Course in Java Technologies
6. Advanced Developer Certification Course in Java Technologies
7. Certification Course in Ruby on Rails
8. Advanced Developer Certification Course in Ruby on Rails
9. Certification Course in Web Designing
10. Advanced Certification Course in User Interface Technologies
11. Certification Course in Linux System Administration

## 1. Certification Course in Open Source Technologies with Perl

The packaged course is aimed at students who are in the final years of their graduation (M.CA., B.E., B.Tech., M.Sc., etc.) or who have already completed their graduation willing to take up career in open source technologies (Linux-Apache-MySQL-Perl). The training builds the required skills for the candidates on open source technologies for developer and QA positions. The course also prepares the candidates for enhancing their soft skills, building quality resumes, preparing for interviews and group discussions and stepping into corporate environment.

### **Duration of the Course: 4 Weeks**

#### **Brief overview of the course modules.**

- **Unix/Linux Module**

Introduction to Operating System, vi editor, File Manipulation commands, Directories and Files, advanced vi editor, File Permissions, More File Manipulation Commands, I/O Redirection, Electronic Communication, Processes, Shell features.

- **Web Module**

Introduction to Web, Introduction to HTML, HTML formatting, Links, Images, Lists, Tables, Forms, Getting started with CSS, CSS boxes and selectors, Text formatting in CSS, More CSS Selectors and Selection, CSS Positioning, More on CSS Page Layout, Introduction to JavaScript, Script Setup, Building blocks (Data types, literals, and variables), Dialog boxes, Operators, conditional statements and loops, Functions, Objects, JavaScript core objects, Browser objects (Navigator, Windows and Frames), Document objects (Forms, Images, and Links), Handling Events, Regular Expressions and Pattern Matching

- **Database Module**  
Introduction to Relational databases, Client/Server concepts, Data types, Creating databases, Basic Select statement, Selecting data from multiple tables using JOIN, Grouping and Sorting output, Sub-queries, String, temporal and Numeric functions, Creating, altering and dropping tables, Creating, altering and dropping Views, Primary and foreign key constraints, Creating and dropping indexes, Inserting, updating and deleting data, Controlling access
- **Perl Module**  
Scalar data, Arrays and list data, Hashes, Control structures, Basic I/O, Regular expressions, Functions, File handling, Data Structures, Subroutine References and closures, Modules and Packages
- **Methodologies Module**  
Development and testing methodologies and Tools, Processes, Configuration Management and Code archiving, Defect Management
- **Soft Skills Module**  
Introduction to corporate environment, corporate expectations from employees, speaking in conference calls, writing emails, team meetings, Resume features, Writing your resume, One on One writing your resume, Interviewers expectations, Dressing and conducting yourself during interview, Handling group discussions, Mock interviews.

## 2. Advanced Certification Course in Open Source Technologies with Perl

The packaged course is aimed at students who are in the final years of their graduation (M.CA., B.E., B.Tech., M.Sc., etc.) or who have already completed their graduation willing to take up career in open source technologies (Linux-Apache-MySQL-Perl). The training builds the required skills for the candidates on open source technologies for developer and QA positions. The course also prepares the candidates for enhancing their soft skills, building quality resumes, preparing for interviews and group discussions and stepping into corporate environment.

### Duration of the Course: 7 Weeks

#### Brief overview of the course modules.

- **Advanced Unix/Linux Module**  
Shell Programming, Advanced Shell Programming, and Package installation.
- **Advanced Database Module**  
Stored Procedure, PL/SQL Programming, Performance tuning
- **Advanced Perl**  
Object-oriented programming, Using PPM for installing CPAN Modules, Creating Modules, and Using the De-bugging tool.
- **Configuration Tool**  
CVS usage.
- **Project Module**  
Project development with the based on Technologies learned

## 3. Certification Course in Open Source Technologies with PHP

The packaged course is aimed at students who are in the final years of their graduation (M.CA., B.E., B.Tech., M.Sc., etc.) or who have already completed their graduation willing to take up career in open source technologies (Linux-Apache-MySQL-PHP). The training builds the required skills for the candidates on open source technologies for developer and QA positions. The course also prepares the candidates for enhancing their soft skills, building quality resumes, preparing for interviews and group discussions and stepping into corporate environment.

### Duration of the Course: 4 Weeks

#### Brief overview of the course modules.

- **Unix/Linux Module**

Introduction to Operating System, vi editor, File Manipulation commands, Directories and Files, advanced vi editor, File Permissions, More File Manipulation Commands, I/O Redirection, Electronic Communication, Processes, Shell features.

- **Web Module**

Introduction to Web, Introduction to HTML, HTML formatting, Links, Images, Lists, Tables, Forms, Getting started with CSS, CSS boxes and selectors, Text formatting in CSS, More CSS Selectors and Selection, CSS Positioning, More on CSS Page Layout, Introduction to JavaScript, Script Setup, Building blocks (Data types, literals, and variables), Dialog boxes, Operators, conditional statements and loops, Functions, Objects, JavaScript core objects, Browser objects (Navigator, Windows and Frames), Document objects (Forms, Images, and Links), Handling Events, Regular Expressions and Pattern Matching

- **Database Module**  
Introduction to Relational databases, Client/Server concepts, Data types, Creating databases, Basic Select statement, Selecting data from multiple tables using JOIN, Grouping and Sorting output, Sub-queries, String, temporal and Numeric functions, Creating, altering and dropping tables, Creating, altering and dropping Views, Primary and foreign key constraints, Creating and dropping indexes, Inserting, updating and deleting data, Controlling access
- **PHP Module**  
PHP Basics, Functions, Arrays, Strings and Patterns, File manipulation and built-in functions, Web programming, Database connectivity with MySQL.
- **Methodologies Module**  
Development and testing methodologies and Tools, Processes, Configuration Management and Code archiving, Defect Management
- **Soft Skills Module**  
Introduction to corporate environment, corporate expectations from employees, speaking in conference calls, writing emails, team meetings, Resume features, Writing your resume, One on One writing your resume, Interviewers expectations, Dressing and conducting yourself during interview, Handling group discussions, Mock interviews.

## 4. Advanced Certification Course in Open Source Technologies with PHP

The packaged course is aimed at students who are in the final years of their graduation (M.CA., B.E., B.Tech., M.Sc., etc.) or who have already completed their graduation willing to take up career in open source technologies (Linux-Apache-MySQL-PHP). The training builds the required skills for the candidates on open source technologies for developer and QA positions. The course also prepares the candidates for enhancing their soft skills, building quality resumes, preparing for interviews and group discussions and stepping into corporate environment.

### Duration of the Course: 7 Weeks

#### Brief overview of the course modules.

- **Advanced Unix/Linux Module**  
Shell Programming, Advanced Shell Programming, and Package installation.
- **Advanced Database Module**  
Stored Procedure, PL/SQL Programming, Performance tuning
- **Advanced PHP**  
Object-oriented programming, OO Analysis and Design, XML and Web Services , Security, Streams and Networking, Using the De-bugging tool
- **Configuration Tool**  
CVS usage.
- **Project Module**  
Project development with the based on Technologies learned

## 5. Certification Course in Open Source Technologies with Ruby

The packaged course is aimed at students who are in the final years of their graduation (M.CA., B.E., B.Tech., M.Sc., etc.) or who have already completed their graduation willing to take up career in open source technologies (Linux-Apache-MySQL-Ruby). The training builds the required skills for the candidates on open source technologies for developer and QA positions. The course also prepares the candidates for enhancing their soft skills, building quality resumes, preparing for interviews and group discussions and stepping into corporate environment.

### Duration of the Course: 4 Weeks

#### Brief overview of the course modules.

- **Unix/Linux Module**

Introduction to Operating System, vi editor, File Manipulation commands, Directories and Files, advanced vi editor, File Permissions, More File Manipulation Commands, I/O Redirection, Electronic Communication, Processes, Shell features.

- **Web Module**

Introduction to Web, Introduction to HTML, HTML formatting, Links, Images, Lists, Tables, Forms, Getting started with CSS, CSS boxes and selectors, Text formatting in CSS, More CSS Selectors and Selection, CSS Positioning, More on CSS Page Layout, Introduction to JavaScript, Script Setup, Building blocks (Data types, literals, and variables), Dialog boxes, Operators, conditional statements and loops, Functions, Objects, JavaScript core objects, Browser objects (Navigator, Windows and Frames), Document objects (Forms, Images, and Links), Handling Events, Regular Expressions and Pattern Matching

- **Database Module**  
Introduction to Relational databases, Client/Server concepts, Data types, Creating databases, Basic Select statement, Selecting data from multiple tables using JOIN, Grouping and Sorting output, Sub-queries, String, temporal and Numeric functions, Creating, altering and dropping tables, Creating, altering and dropping Views, Primary and foreign key constraints, Creating and dropping indexes, Inserting, updating and deleting data, Controlling access
- **Ruby and Rails Module**  
Ruby Language Basics, Object-Oriented Programming Concepts, Blocks and Closures, Model-View-Controller Concepts, (Ruby on) Rails – Basics, Scaffolding, Gems and Helpers, Active Record Basics, Action View Basics, Action View Helpers
- **Methodologies Module**  
Development and testing methodologies and Tools, Processes, Configuration Management and Code archiving, Defect Management
- **Soft Skills Module**  
Introduction to corporate environment, corporate expectations from employees, speaking in conference calls, writing emails, team meetings, Resume features, Writing your resume, One on One writing your resume, Interviewers expectations, Dressing and conducting yourself during interview, Handling group discussions, Mock interviews.

## 6. **Advanced Certification Course in Open Source Technologies with Ruby & Rails**

The packaged course is aimed at students who are in the final years of their graduation (M.CA., B.E., B.Tech., M.Sc., etc.) or who have already completed their graduation willing to take up career in open source technologies (Linux-Apache-MySQL-Ruby). The training builds the required skills for the candidates on open source technologies for developer and QA positions. The course also prepares the candidates for enhancing their soft skills, building quality resumes, preparing for interviews and group discussions and stepping into corporate environment.

### **Duration of the Course: 7 Weeks**

#### **Brief overview of the course modules.**

- **Advanced Unix/Linux Module**  
Shell Programming, Advanced Shell Programming, and Package installation.
- **Advanced Database Module**  
Stored Procedure, PL/SQL Programming, Performance tuning
- **Advanced Ruby and Rails**  
Meta Programming, Active Record Associations, Ajax on Rails, REST Concepts, Automating Rails Applications Deployment using Capistrano, Action Mailer, Rails and Security, Rails Plugins, Rails Mashups, overview of Rails 2.0 features, building Flickr (photo-sharing) in Ruby on Rails, Test automation using Ruby Tools (Watir, etc), building REST-ful applications in Ruby/Rails, Agile development methodologies overview (scrum, etc)
- **Configuration Tool**  
CVS usage.
- **Project Module**  
Project development with the based on Technologies learned

## 7. Certification Course in Open Source Technologies with Java and J2EE

The packaged course is aimed at students who are in the final years of their graduation (M.C.A., B.E., B.Tech., M.Sc., etc.) or who have already completed their graduation willing to take up a development career in open source technologies (Linux-Apache-MySQL-Java and J2EE). The training builds the required skills for the candidates on open source technologies for developer position. The candidate will work on a live project during the course.

### Duration of the Course: 4 Weeks

#### Brief overview of the course modules.

- **Unix/Linux Module**

Introduction to Operating System, vi editor, File Manipulation commands, Directories and Files, advanced vi editor, File Permissions, More File Manipulation Commands, I/O Redirection, Electronic Communication, Processes, Shell features.

- **Web Module**

Introduction to Web, Introduction to HTML, HTML formatting, Links, Images, Lists, Tables, Forms, Getting started with CSS, CSS boxes and selectors, Text formatting in CSS, More CSS Selectors and Selection, CSS Positioning, More on CSS Page Layout, Introduction to JavaScript, Script Setup, Building blocks (Data types, literals, and variables), Dialog boxes, Operators, conditional statements and loops, Functions, Objects, JavaScript core objects, Browser objects (Navigator, Windows and Frames), Document objects (Forms, Images, and Links), Handling Events, Regular Expressions and Pattern Matching

- **Database Module**  
Introduction to Relational databases, Client/Server concepts, Data types, Creating databases, Basic Select statement, Selecting data from multiple tables using JOIN, Grouping and Sorting output, Sub-queries, String, temporal and Numeric functions, Creating, altering and dropping tables, Creating, altering and dropping Views, Primary and foreign key constraints, Creating and dropping indexes, Inserting, updating and deleting data, Controlling access
- **Java and J2EE Module**  
Object Orientation in Java, Features of Java, Java Virtual Machine, Java Run Time Environment, Java Integrated Development Environment, Java Packages, Exception handling, Interfaces Applets, Abstract Window Toolkit, Multithreading, Nested Classes, Networking, JDBC, RMI
- **Methodologies Module**  
Development and testing methodologies and Tools, Processes, Configuration Management and Code archiving, Defect Management
- **Soft Skills Module**  
Introduction to corporate environment, corporate expectations from employees, speaking in conference calls, writing emails, team meetings, Resume features, Writing your resume, One on One writing your resume, Interviewers expectations, Dressing and conducting yourself during interview, Handling group discussions, Mock interviews.

## 8. Advanced Certification Course in Open Source Technologies with Java & J2EE

The packaged course is aimed at students who are in the final years of their graduation (M.CA., B.E., B.Tech., M.Sc., etc.) or who have already completed their graduation willing to take up career in open source technologies (Linux-Apache-MySQL-Java and J2EE). The training builds the required skills for the candidates on open source technologies for developer and QA positions. The course also prepares the candidates for enhancing their soft skills, building quality resumes, preparing for interviews and group discussions and stepping into corporate environment.

### Duration of the Course: 7 Weeks

#### Brief overview of the course modules.

- **Advanced Unix/Linux Module**  
Shell Programming, Advanced Shell Programming, and Package installation.
- **Advanced Database Module**  
Stored Procedure, PL/SQL Programming, Performance tuning
- **Advanced Java and J2EE**  
Object-oriented Analysis and Design, Use Cases, UML, Servlets, Session Tracking, Java Server Pages (JSP), Java Beans, Design Patterns, Java Messaging Service (JMS), Enterprise Java Beans (EJB), Application Frameworks (Swing, MVC, Hibernate, SOA), Web Services, Using the tools like JAnt, JUnit, Jmeter, etc
- **Configuration Tool**  
CVS usage.
- **Project Module**  
Project development with the based on Technologies learned

## 9. Certification Course in Web Designing

The packaged course is aimed at students who are in the final years of their graduation (B.Sc., B.CA., M.CA, B.E., B.Tech., M.Sc., etc.) or who have already completed their graduation willing to take up career in Portals and E-Commerce development on Open Source technologies (Linux-Apache-MySQL-Perl). The training builds the required skills for the candidates on web development using open source technologies for developer and QA positions. The course also prepares the candidates for enhancing their soft skills, building quality resumes, preparing for interviews and group discussions and stepping into corporate environment.

### **Duration of the Course: 4 Weeks**

#### **Brief overview of the course modules.**

- HTML
- CSS
- JavaScript
- Introduction Web, Web Standards, Future Technologies.
- Tools – Dream Weaver, Edit Plus, Photoshop, Flash
- Usability, accessibility Guidelines
- JavaScript Libraries
- Introduction to Server Side Programming Concepts (CGI, ASP)

## 10. Advanced Certification Course in User Interface (UI) Technologies

The packaged course is aimed at students who are in the final years of their graduation (M.CA., B.E., B.Tech., M.Sc., etc.) or who have already completed their graduation willing to take up a career in developing User Interfaces on open source technologies (Linux-Apache-MySQL-Perl). The training builds the required skills for the candidates on building web 2.0 compliant user interfaces for web applications on open source technologies. The candidate will work on a live project during the course.

### Duration of the Course: 5 Weeks

#### Brief overview of the course modules.

- UI – Web 2.0 Technologies
- DOM 1.0 and above
- XHTML
- CSS 2.1
- JavaScript Frameworks like DOJO, YAHOO UI, J-Query
- XML Basics
- AJAX

## 11. Certification Course in Linux Administration

The packaged course is aimed at students who are in the final years of their graduation (M.CA., B.E., B.Tech., M.Sc., Diploma, B.Sc., B.Com, etc.) or who have already completed their graduation willing to take up career in Linux System Administration. The training builds the required skills for the candidates on Linux System Administration for System Administration positions.

### Duration of the Course: 2 Weeks

#### Brief overview of the course modules.

- Linux Ideas and History, Linux Usage Basics, Running Commands and Getting Help
- Browsing the File system, Users, Groups and Permissions
- Using the bash Shell, Standard I/O and Pipes, Text Processing Tools
- vim: An Advanced Text Editor, Basic System Configuration Tools
- Investigating and Managing Processes, Configuring the Bash Shell
- Finding and Processing Files , Network Clients
- Advanced Topics in Users, Groups and Permissions
- The Linux Filesystem In-Depth
- Essential System Administration Tools

- Adoption from best International Standards and Models
- Nature of Needs drives course content and delivery
- Adoption of from SEI CMM Level 5 and PMI Practices
- Best Practices for Course Content, Delivery, On-hands and Review
- Wide use of Project Management and Software Development Tools
- Delivery by highly experienced professionals

# You can now demand more

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- Agility
  - rapid implementation
  - Scalability
- Accountability
  - reduce risks associated with delivery of complex, multi-vendor, multi-platform technologies and tools
  - proven expertise
- Greater return on your investment
  - partnering with an organization you can trust
  - proven track record

# Profiles of some Senior people

Role	Education	Experience Summary
Managing Director	M.S. and e-M.B.A	23 Years in delivering IT projects across multiple technologies and domain. Ex-HP employee. 3+ years in email technologies. Worked in US for 4 years.
Director Engineering	B.S. and currently pursuing e-MBA	8+ years of experience on products and applications on open source technologies.
Director Business Solutions	B.S. and MBA	20+ years of experience on developing business applications on open source technologies and managing products and application development
Director QA	B.S.	10+ years of experience on products and applications development and QA. 6+ years of QA experience on software testing life cycle and automation. Building strong QA team.
UI Development Manager	M.S.	7 years of experience in IT industry. Expert in User Interface Design and Development., Accessibility, Usability, Web Standards and DOM and websites
Network Architect	B.S.	12 Years of experience in Networking Architecture and Systems Management. High speed WANs, Large LANs with Cisco networking equipments, Netware, Windows, Unix, Servers across multiple locations
Database Manager	B.S.	9+ years in Database administration on Oracle 8i, 9i and 10g, 11g, Informix and MySQL databases. Hands on experience on production support, maintenance, and tuning production database servers
Unix / Linux Systems Manager	B.S.	15 years of experience in Unix / Linux systems administration and support. Remote Unix / Linux infrastructure administration and support for Solaris 10, different flavors of Unix, Redhat enterprise servers and data centers
Director People Practice	MBA	17 years of professional experience, which includes 8 years in recruitment of IT professionals for Indian and US based companies. Before that she practiced maritime law for 9 years.

## India Development Center

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