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eZeon TechnoSolutions Pvt. Ltd.

[Digital Strategy | Software Development | Mobile Apps |
 eCommerce | CMS | ERP | Corporate Training]

Address: 63, Zone-1, MP Nagar, Bhopal
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MCA 6th Sem Industrial Training Program 2017

| Front end Technologies | Web Tools | Back end Technologies | AGILE/SCRUM & Project Management |
|---|--|------------------------------------|---|
| 1. Java/Java EE 2. Spring Framework(with MVC) 3. Hibernate/ORM 4. Android/iOS 5. Hadoop & Big Data 6. Cloud Computing (SaaS, PaaS, IaaS etc) | 1. HTML/CSS 2. jQuery/JS 3. AJAX 4. AngularJS 5. Bootstrap | 1. MySQL 2. SQLite 3. Oracle | Software Docs: - BRD(req doc) - WBS(cost estimation) - Activity(biz flow) - Use Case(biz logic) - Test Case(sw testing) - Data Modeling - Project Planning |

Are you looking for *Project Expert* who can help you to learn & implement best practices of software development and prepare you for latest IT needs?

Yes!!! EZEON is the best choice, please read complete proposal below.

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| 1 | Objective | Providing industrial exposure and hands on experience on projects using AGILE(SCRUM) METHODOLOGY |
| 2 | Training Coverage Overview | <ul style="list-style-type: none"> • Programming Language Training • Database/Backend Training • Project Management : BRD, Use Case, Test Case, ER, Activity Diagram, Modular planning and Application Interfacing using UML • Coding, Integration and Testing • Hosting or Implementation of the project on Production Environment • Agile Model - Scrum Framework training and implementation |
| 3.1 | Programming Language: Java-Spring Platform | JAVA/JAVA EE WITH SPRING, HIBERNATE AND AJAX <ul style="list-style-type: none"> • Java SE (Core Java) • Java EE (Advanced Java : Servlet, JSP and Web Services) • Java Framework: <ul style="list-style-type: none"> ◦ Spring Framework (IoC, ORM, MVC, WebFlow AOP, DAO, I18N) ◦ Hibernate - ORM • Design Patterns: Factory, Singleton, MVC, Front Controller, Observer, DAO, DTO, IoC, DI, AOP, Abstract Factory, Adapter, Facade, Interceptor, Template, MoM • AJAX and jQuery |

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| 3.2 | Mobile Platform | <p>ANDROID, iOS</p> <ol style="list-style-type: none"> 1. Introduction of Andorid & iOS 2. Activities and UI Design 3. Advanced UI Programming 4. Toast, Menu, Dialog, List and Adapters 5. Accessing Phone Services 6. Multimedia Programming 7. Database 8. Location Based Services and Google Maps 9. Notifications 10. Testing and Debugging |
| 4 | Database/ Backend Training | <ul style="list-style-type: none"> • MySQL/Oracle database training • SQL/PLSQL(SP, Trigger, Cursor, Index, Function etc) • SQLite for Android • Database Designing • Database optimization and tuning • DB tools (MYSQL Workbench & PHP-MyAdmin) |
| 5 | Project Planning, Analysis, Designing and Documentation | <p>Involving students in following process:</p> <ul style="list-style-type: none"> • Requirement gathering • Requirement analysis • Designing(Module Classification, Architecture designing, GUI designing, Database Designing, Logical Designing, Physical Designing) • Use case writing • Test case writing |
| 6 | Coding/ Development Phase | <ul style="list-style-type: none"> • Requirement assigning with database explanation(Module wise) • Coding on the assigned project modules • Code Reviews • Reference Code • Assistance on the problems occurred during coding • Unit testing • Source code documentation • Project version management using SVN servers. • Bug fixing and changes accommodation on modules • Code Integration through Manual and SVN |
| 7 | Testing | <ul style="list-style-type: none"> • Unit Testing • Integration Testing • Testing Reports • Bug reporting tool – JIRA/MantisBT |
| 8 | Application Implementation or Hosting | <ul style="list-style-type: none"> • Training on Hosting Procedure • Domain Name Registration • Web space accessing from FTP Client(ex. FileZilla) • Email Configuration from CPanel • Web Server Configuration • Database Server Configuration • Online Database administration using web db clients app |

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| 9 | Additional topics coverage (Fast track) | Fast track overview on HTML, XML, JavaScript, CSS, SEO, Designing and Development tools, Web Services, Logging using Log4J API, Debugging, EJB, Message Oriented Middleware(MOM), Software Testing(Manual, Automation using JMeter and Selenium), Logic building technique, Data-Modeling, Development environment Window and Ubuntu |
| 10 | Security Methods & Advanced Concepts | <ul style="list-style-type: none"> • SSL/HTTPS • Spring Security - Authentication and Authorization • Role and User wise biz logic & page accessing • SSO – Single Sign On Concepts • Security Algo: DES with PBE, SHA-256, MD5 • Website Attack & Solutions – Cross Site Scripting(XSS), SQL-Injection, Denial of Service(DoS), Cross-Site Request Forgery(CSRF) etc. • Scalability, Performance Optimization, Extensibility, Clustering, SaaS(Software as a Service), I18N, Access Anywhere trends, Batch Processing, MoM and Job Scheduler. |
| 11 | Training Material | <ul style="list-style-type: none"> • Reference printed notes • Assignments and Exercise • Online test papers • Class Work/Example is available for download from EIS (Company Portal) • Software tools provided in CD/DVD • Free official blog content access • Video Library for Backup, Revision and Additional Learning |
| 12 | Final Deliverable | <ul style="list-style-type: none"> • Sample Codes • Screen Shots • Reporting material • Training material • Testing report • Final website will be hosted on internet(live) server • Hosting guidelines document • Industrial Training Certificate(Hard print and letter head print) |
| 13 | Why EZEON? | <ul style="list-style-type: none"> • Training is given by the certified software engineers having 11+ years experience in software industry • We strictly follow the Software Engineering patterns and methodologies. • Specialized trainers for particular technology • Free access of technical docs from the company server • Personalized training (well focus on individual student) • Practical and Scenario based training not like on-board theory-training. • We follow proven methodologies for IT training and Development • Regular exercises and practice session for the campus preparation • Well furnished environment with facilities like Computer Lab, Internet and eLibrary |

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| | | <ul style="list-style-type: none"> Hands on web hosting experience |
| 14 | Students Queries and Supports | <ul style="list-style-type: none"> Students can ask queries during class session when they get doubt. No need to park your questions and asking after end of the session. Some common que-answers can be referred from FAQ list Student doubt can be solved on Call, Email, Whatsup & Forum Official online reference tutorials and blogs Students can also ask doubts to our software development team member <p>Designing issue can also be answered by our professional web designers</p> |
| 15 | Duration | 4.5 Months. (Full Time Rigorous Training) |
| 16 | Contact | <p>eZeon TechnoSolutions Pvt. Ltd Plot-63, Zone-I, Near Shree Vatika Hotel, M.P. Nagar, Bhopal, India Mobile: +91 - 96 301 301 08, Landline : +91 755-4240680 contact@ezeon.net www.ezeontech.com www.ezeon.in/ www.ezeon.in/blog/ www.facebook.com/ezeonindia</p> |

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