**Somali Mondal**

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**Summary:**

* 14+ years of experience in developing web and enterprise applications using **Java/J2EE** technologies in business domains like startups, Logistics, Telecom, Travel & Hospitality and Banking.
* Excellent command in **Core Java** and good experience collection framework and **Multithreading**.
* Extensive experience in developing, testing and implementing applications using **Java 1.7,1.8, servlets, JavaScript, HTML, CSS, JSON**
* Solid understanding of web developments concept like **MVC, HTTP, Request/Response model, client server** communication.
* Worked with MVC frameworks like **Spring MVC, and Spring Web Flow** in developing web applications.
* Good experience in developing web application using Spring MVC framework implementing Controllers, **Spring validation framework, Spring security, Spring boot, Spring data**.
* Experience **with ORM framework like Hibernate and Integrating with JPA and spring ORM.**
* Experience working with advanced technologies such as **Spring, Struts, Hibernate, Web Services**.
* Experience in SOAP Web Service technologies like **SOAP, JAX-WS, WSDL, JAXB, XML, XSD and JAX-RS restful web service.**
* Understanding of **Software Development Life Cycle** (SDLC) and testing life-cycle, testing procedures, and methodologies.
* Utilized Design patterns MVC, VO, DI, DAO, Factory Method, Singleton.
* Experience in working with multiple servers like **WebSphere, WebLogic, JBOSS and Apache, Ansible**.
* Extensive development experience on different IDE like **Eclipse, STS**.
* Experience with maven, ant and ci tools like Jenkins for continuous integration and builds.
* Experience in using **Log4j** for the application logging.
* Experience in using various configuration management tools like **SVN, GIT**.
* Experience with Agile SCRUM methodology for the SDLC.

**CAREER PROFILE**

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| **Dates** | **Organization** |
| 07/2022 to Present | Tata Consultancy Services Canada Inc. |
| 02/2018 to 06/2022 | Tata Consultancy Services Ltd. |
| 11/2013 to 02/2018 | Cognizant Technology Solutions India Private Ltd. |
| 05/2011 to 10/2013 | Ericsson India Global Services Pvt. Ltd. |
| 07/2009 to 04/2011 | Stark Consulting and Software Services. |

**Skill Summary:**

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| J2EE Technologies | Servlets, JSP, JDBC, JPA, JMS, JNDI, JAX-WS |
| Web Technologies | HTML5, CSS3, Bootstrap CSS, JavaScript |
| Frameworks | Spring MVC, Spring Web Flow, Hibernate, Spring, Spring boot |
| Xml/Webservice | JAX-WS, Apache CXF, Restful, Jersey, Spring Rest |
| Databases | Oracle 11g, 12c ; MySQL |
| Application/Webserver | WebSphere, WebLogic, Tomcat |
| Methodology/Design pattern | OOAD, UML, DAO, Singleton Pattern, Front Controller, Factory Pattern |
| IDE | RAD, Eclipse, NetBeans |
| Operating systems | WINDOWS, LINUX, UNIX |
| Other tools | SQL Developer, TOAD, Bitbucket |

**Education:**

**Bachelors from Bengal College of Engineering & Technology, Computer Science & Engineering-2009**

**Professional Experience:**

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| **Title** | Citi Commercial Bank |
| **Client** | CITI Bank |
| **Operating System** | Windows 10/XP |
| **Tools**  **Technology** | Eclipse Kepler, WebLogic 11g, Oracle11g  Spring Boot, Microservice, Mongo DB |
| **Team Size** | 12 |
| **Role** | Team Lead |
| **Period** | Nov, 2018 –till date |
| **Project Objective** | Development |

**Project Description:**

Citi Commercial Clients group has a plan to roll out globally in North America- 3 Counties, APAC-10 Countries, EMEA-7 countries to use a common platform with different data centers through Gateway. As this requires several applications and digital system integration like Salesforce or Microsoft dynamics to gather lead information Client Onboarding System where finalized customers go through with KYC process and onboarded to Citi Portal, Citi Business Online where customers have their new internet banking id or external user are linked with new Account Opening application. KYC, Lending and Signer also uses Account onboarding application.

**Responsibilities:**

* Involved in design and development of the requirements and software deployment process.
* Developed end to end web application using **Spring Boot, Microservice, Mongo DB**.
* Developed multiple **Spring Rest endpoints**.
* Delivered code based on Agile SDLC methodology.
* Implemented business logic and used ORM tools like **hibernate** and **Spring JdbcTemplate** to communicate

with the database.

* Used Spring framework to execute business logic.
* Extensively used **Façade design pattern** in development process
* Worked with version controls SVN and GIT
* Participated and contributed in daily stand up, sprint planning, retrospective meeting, code review and used JIRA as primary the project management tool under scrum agile methodology.
* Used Maven, IBM Urban Build/Deploy and Jenkins for build and auto deployment of application.

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| **Title** | Internal Audit |
| **Client** | CITI Bank |
| **Operating System** | Windows 10/XP |
| **Tools**  **Technology** | Eclipse Kepler, WebLogic 11g, Oracle11g  Rest Web Services, Spring MVC, Hibernate, Spring Boot, Microservice |
| **Team Size** | 6 |
| **Role** | Developer |
| **Period** | Feb, 2018 –Oct,2018 |
| **Project Objective** | Development |

**Project Description:**

This Project is about doings audits of different applications of Citi Bank USA customers. The audits based on different parameters like managers name, start date, end date etc.

**Responsibilities:**

* Worked in J2EE web application using the java 8, Spring, Hibernate, Oracle.
* Developed **rest API** and rest clients using **Jersey** and **Spring boot** with java-based configuration.
* Used **Hibernate ORM features like session factory** to interact with underlying **Oracle database 12c, hibernate caching, HQL, Criteria.**
* Worked with **stored procedures**, **packages** and **oracle data types**.
* Used various Java Core concepts such as multi-threading, exception handling, Collection APIs to implement various features and enhancements.
* Performed testing of application, troubleshooting and fixing of bugs concerning code, configuration and performance.
* Designed and developed Swing applications adding different features that are locale specific.
* Involved in Documenting (analysis, specification, design), implementing and testing phases of Full Software Development Life Cycle (SDLC)
* Involved in various part of SDLC from analysis, requirement gathering to design, development, testing, deployment and maintenance.
* Participated and contributed in daily stand up, sprint planning, retrospective meeting, code review and used **JIRA** as primary the project management tool under **scrum agile methodology**.
* Used SVN, Maven and Jenkins for version control, build and auto deployment of application.
* Updated and streamlined some of the legacy code and libraries to make it more efficient and follows the current standards.
* Created Service and DAO interface and classes and entities and mapping.

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| **Title** | Responsive Web Design |
| **Client** | Wyndham Destination Network-RCI |
| **Operating System** | Windows 7/XP |
| **Tools**  **Technology** | Eclipse Kepler, WebLogic 11g, Oracle11g  Soap Web Services, Spring MVC, Hibernate |
| **Team Size** | 12 |
| **Role** | Team Lead |
| **Period** | April, 2017 –Feb, 2018 |
| **Project Objective** | Development |

**Project Description:**

WDN is continuing in the process of achieving consistent user experience across various desktop and mobile devices. WDN currently maintains different code bases for mobile and web applications. The Responsive Web Design ("RWD") will redefine the customer experience in mobile devices, reduce complexities in code versions and also reduce maintenance complexity by unifying codebases. WDN continues to commit to making its website compliant to accessibility standards as defined by the U.S Federal W3C's WCAF 2.0(Level AA) Guidelines.

--Continue to convert a subset of the www.rci.com website to RWD and implement the WCAG 2.0(Level AA) standards, and;

--add alternative text("alt-text”) for each and every WDN's affiliated resort image present in rci.com and in its Search Results Points over Weeks("POW"), Search Results Weeks over Weeks (WOW), Search Results Resort Directory, Resort Info Pages for POW, Resort Info Pages for WOW, and Resort Info Pages of resort Directory.

**Responsibilities:**

* Worked as a Module Lead in Web Integration Team.
* Developed end to end web application using Soap based Web Services, Spring MVC, involving database and OSB/SOA integration.
* Involved in Responsive Web Development using HTML5, CSS, JavaScript.
* Media bin tool changes to add "alt\_text" for the resort images.
* Responsible for requirement analysis; analysis of the existing code in conjunction with development activities like creating new service classes and their integration with web component via web services, creating new data Beans using xml corresponding to a particular database table, running SQL scripts in SQL Developer for Oracle 10g database to create, delete, and update the various tables, creating and modifying JSP pages, writing new controller class,

Validating the GUI using JavaScript, Ajax and finally deploying them in WebLogic Server

* Also responsible for creating test cases and also doing unit and integration testing for the entire functionality of the project.
* Involved in other responsibilities include –coordination with Cognizant’s Onsite Team Members, adhering to an efficient change management process, facilitating and attending status calls and project meetings and effort estimation and reviewing code using SONAR analysis.

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| **Title** | VSE |
| **Client** | Wyndham Destination Network-RCI |
| **Operating System** | Windows 7/XP |
| **Tools** | Eclipse Kepler, WebLogic 11g, Oracle11g |
| **Team Size** | 8 |
| **Role** | Team Member |
| **Period** | August, 2016 –March,2017 |
| **Project Objective** | Development |

**Project Description:**

Search plays a vital role in ensuring a solid digital customer experience. Effective search helps improve customer self-service, increase conversion rates and drive overall satisfaction.  To ensure RCI is meeting the evolving needs of its members – allowing them to easily and quickly search for inventory, RCI needs to revisit its site search technology and overall member experience.  RCI needs search offerings that deliver more personal experiences to members with contextual results pages, relevant promotions, and dynamic browsing and navigation structures that render optimally for all devices and browsers.

**Responsibilities:**

* Developed end to end web application **using Soap based Web Services, Spring MVC, involving database and OSB/SOA integration.**
* Involved in the project since the design phase, preparing the design diagrams involving class, sequence and flow diagrams following the guidelines and high-level design diagrams and in creating the service interface documents and contract – mapping files for web and service end.
* Responsible for requirement analysis; analysis of the existing code in conjunction with development activities like creating new service classes and their integration with web component via web services, creating new data Beans using xml corresponding to a particular database table, running SQL scripts in SQL Developer for Oracle 10g database to create, delete, and update the various tables, creating and modifying JSP pages, writing new controller class,

validating the GUI using JavaScript, Ajax and finally deploying them in WebLogic Server

* Also responsible for creating test cases and also doing unit and integration testing for the entire functionality of the project.
* Involved in other responsibilities include –coordination with Cognizant’s Onsite Team Members, adhering to an efficient change management process, facilitating and attending status calls and project meetings and effort estimation and reviewing code using SONAR analysis.

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| **Title** | Web to Case |
| **Client** | Wyndham Destination Network-RCI |
| **Operating System** | Windows 7/XP |
| **Tools** | Eclipse Kepler, WebLogic 11g, Oracle11g |
| **Team Size** | 1 |
| **Role** | Team Member |
| **Period** | June, 2016 –July, 2016 |
| **Project Objective** | Development |

**Project Description:**

If users want to contact RCI for comment and/or suggestion; Contact RCI is the page from WEB to send message to RCI. This project create case to Salesforce through Contact RCI page.

**Responsibilities:**

* Developed end to end web **application Spring MVC**.
* Involved in the project since the design phase, preparing the design diagrams involving class, sequence and flow diagrams following the guidelines and high-level design diagrams and in creating the service interface documents and contract – mapping files for web and service end.
* Responsible for requirement analysis; creating and modifying JSP pages, writing new controller class, validating the GUI using JavaScript, Ajax and finally deploying them in WebLogic Server
* Also responsible for creating test cases and also doing unit and integration testing for the entire functionality of the project.
* Involved in other responsibilities include –coordination with Client, adhering to an efficient change management process, facilitating and attending status calls and project meetings and effort estimation and reviewing code using SONAR analysis.

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| **Title** | Global Flexible Booking |
| **Client** | Wyndham Destination Network-RCI |
| **Operating System** | Windows 7/XP |
| **Tools** | Eclipse Kepler, WebLogic 11g, Oracle11g |
| **Team Size** | 4 |
| **Role** | Team Member |
| **Period** | December, 2015 –May, 2016 |
| **Project Objective** | Development |

**Project Description:**

Developing application for platinum and standard members of RCI facilitating the feature of auto upgrade of the unit booked in hotels for the specified check-in date. The feature enables the user to select options for the better unit in their owned as well as for five other additional resorts in same regions. The feature can be selected directly by web users as well as by guides. User can edit or delete the unit upgrade request before the auto upgrade is been processed.

**Responsibilities:**

* Developed end to end web application using **Soap based Asynchronous Web Services involving database and OSB/SOA integration.**
* Involved in the project since the design phase, preparing the design diagrams involving class, sequence and flow diagrams following the guidelines and high-level design diagrams and in creating the service interface documents and contract – mapping files for web and service end.
* Responsible for requirement analysis; analysis of the existing code in conjunction with development activities like creating new service classes and their integration with ETL component via web services, creating new data Beans using xml corresponding to a particular database table, running SQL scripts in SQL Developer for Oracle 10g database to create, delete, and update the various tables and deploying them in WebLogic Server.
* Also responsible for creating test cases and also doing unit and integration testing for the entire functionality of the project.
* Involved in other responsibilities include –coordination with Cognizant’s Onsite Team Members, adhering to an efficient change management process, facilitating and attending status calls and project meetings and effort estimation and reviewing code using SONAR analysis.

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| **Title** | Platinum Redesign |
| **Client** | Wyndham Destination Network-RCI |
| **Operating System** | Windows 7/XP |
| **Tools** | Eclipse Kepler, WebLogic 11g, Oracle11g |
| **Team Size** | 4 |
| **Role** | Team Member |
| **Period** | January, 2015 –November, 2015 |
| **Project Objective** | Development |

**Project Description:**

RCI Platinum is an elevated exchange membership tier and therefore is already a core competency and strategic fit for the company.  The goal of the redesign is to improve the current product in order to optimize penetration of the member base, increase revenue and improve retention while maintaining high margins.

**Responsibilities:**

* Developed web application using **Soap based Web Services, involving OSB/SOA integration.**
* Involved in the project since the design phase, preparing the design diagrams involving class, sequence and flow diagrams following the guidelines and high-level design diagrams and in creating the service interface documents and contract – mapping files for web and service end.
* Responsible for requirement analysis; analysis of the existing code in conjunction with development activities like creating new service classes and their integration with web component via web services, creating new data Beans using xml corresponding to a particular database table, running SQL scripts in SQL Developer for Oracle 10g database to create, delete, and update the various tables and deploying them in WebLogic Server
* Also responsible for creating test cases and also doing unit and integration testing for the entire functionality of the project.
* Involved in other responsibilities include –coordination with Cognizant’s Onsite Team Members, adhering to an efficient change management process, facilitating and attending status calls and project meetings and effort estimation and reviewing code using SONAR analysis.

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| **Title** | Enterprise ECS2.0 |
| **Client** | Enterprise Holding Incorporated |
| **Operating System** | Windows 7/XP |
| **Tools** | Eclipse Kepler, WebLogic 11g, Oracle11g |
| **Team Size** | 8 |
| **Role** | Team Member |
| **Period** | August, 2014 –December, 2014 |
| **Project Objective** | Development |

**Project Description:**

Enterprise ECS2.0 implements Java/J2ee Technology. EHI and Cognizant were engaged in solution envisioning phase to define the business requirements for the new Enterprise Car Share 2.0(ECS2.0) system. The project follows Agile methodology. **The J2EE technologies involved include Spring Web Flow, JSP, REST Web services, build tool Maven. The Web and Application Servers are WebLogic 11g.**

**Responsibilities:**

* Involved in Sprint Planning to pick up prioritized user stories in the sprint.
* have done design, development and unit testing of prioritized sprint backlog, user stories and tasks.
* have done remediation of defects identified in functional QA based on the priority.
* have participated in sprint review and retrospective
* I also used code analyzers like find bugs and Sonar to maintain code quality .

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| **Title** | Enterprise Vanpool |
| **Client** | Enterprise Holding Incorporated |
| **Operating System** | Windows 7/XP |
| **Tools** | Eclipse Kepler, JBoss, MySQL |
| **Team Size** | 2 |
| **Role** | Team Member |
| **Period** | November, 2013 – July 2014 |
| **Project Objective** | Development |

**Project Description:**

Enterpriserideshare.com is current B2C (business to customer) interface of Enterprise rideshare system. This interface delivers information for targeted customers like Employer, individual, Municipal etc. The system also allow user to start Vanpooling and apply as a coordinator or driver.[www.enterpriserideshare.com](http://www.enterpriserideshare.com) is a brochure are detailing about the various aspects of Vanpooling. It provides some standalone features like apply to Join a Vanpool, apply to Form and Vanpool and apply for Driver and Co-Ordinator.

This system is getting enhanced with a user managed web application with a login and registration feature to the site. The enhanced system would also provide various capabilities of account management for logged in user.

This is Java based applications, making use of **Java, JDBC, SOAP based web-services. Appian processes** are present in the backend for update and insert operations and having a web-based Adobe CQ website in the front end. In the backend the application has an Oracle 11g database.

**Responsibilities:**

* I developed many SOAPS based web services.
* I have done code refactoring of previously developed code based on MDC logging, JDBC transaction Management, log4j
* I wrote few unit test cases using junit4
* I have used EclEmma as code coverage tool to ensure our test cases are strong enough.
* I also used code analyzers like find bugs and Sonar to maintain code quality.

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| **Title** | Omea Virgin Mobile France |
| **Client** | Virgin Mobile France |
| **Operating System** | Windows 7/XP |
| **Tools** | Eclipse, Apache Tomcat 6.0, Oracle10g, Managed Object |
| **Team Size** | 4 |
| **Role** | Team Member |
| **Period** | January,2013 –October, 2013 |
| **Project Objective** | Development |

**Project Description:**

Virgin Mobile France’s integration in MSDP SLM and MSDP NOC Portal and Dashboard.

* MSDP SLM-TM Integration for the customer
* Real Time KPI display for the customer from SLM (Service level Management) into NOC internal Portal and Dashboard.
* Trends graphs availability for the customer in NOC Internal Portal.

The J2EE technologies involved include Spring MVC, JSP, Managed Object, Oracle10g, Hibernate, PMD, GitHub. The Web and Application Servers are Apache Tomcat 6.0.

**Responsibilities:**

* Involved in SLM Portal Display
* Involved in Logic building and Coding for KPI (Key Performance Indicator)
* Interacting with business team and understanding them about our products and related technologies.
* Troubleshooting the development issue and providing solution.
* Developing unit test plan & Unit testing the code.
* Working with source code analyzer tool like PMD finds unused variables, empty catch blocks, unnecessary object creation, and so forth.

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| **Title** | Bharti Airtel’s (Nigeria) integration in MSDP SLM and MSDP NOC Portal and Dashboard |
| **Client** | Bharti Airtel’s (Nigeria) |
| **Operating System** | Windows 7/XP |
| **Tools** | Eclipse, Apache Tomcat 6.0, Oracle10g,Managed Object |
| **Team Size** | 3 |
| **Role** | Team Member |
| **Period** | May,2012 –December, 2012 |
| **Project Objective** | Development |

**Project Description:**

Bharti Airtel’s(Nigeria) integration in MSDP SLM and MSDP NOC Portal and Dashboard.

* MSDP SLM-TM Integration for the customer
* Real Time KPI display for the customer from SLM(Service level Management) into NOC internal Portal and Dashboard.
* Trends graphs availability for the customer in NOC Internal Portal.

The J2EE technologies involved include Spring MVC, JSP, Managed Object, Oracle10g, Hibernate, PMD, GitHub. The Web and Application Servers are Apache Tomcat 6.0.

**Responsibilities:**

* Involved in SLM Portal Display
* Involved in Logic building and Coding for KPI (Key Performance Indicator)
* Interacting with business team and understanding them about our products and related technologies.
* Troubleshooting the development issue and providing solution.
* Developing unit test plan & Unit testing the code.
* Working with source code analyzer tool like PMD finds unused variables, empty catch blocks, unnecessary object creation, and so forth.

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| **Title** | Idea’s integration in MSDP SLM and MSDP NOC Portal and Dashboard |
| **Client** | Idea (India) |
| **Operating System** | Windows 7/XP |
| **Tools** | Eclipse, Apache Tomcat 6.0, Oracle10g,Managed Object |
| **Team Size** | 3 |
| **Role** | Team Member |
| **Period** | January,2012 –April, 2012 |
| **Project Objective** | Development |

**Project Description:**

Idea’s integration in MSDP SLM and MSDP NOC Portal and Dashboard.

* MSDP SLM-TM Integration for the customer
* Real Time KPI display for the customer from SLM (Service level Management) into NOC internal Portal and Dashboard.
* Trends graphs availability for the customer in NOC Internal Portal.

The J2EE technologies involved include Spring MVC, JSP, Managed Object, Oracle10g, Hibernate, PMD, GitHub. The Web and Application Servers are Apache Tomcat 6.0.

**Responsibilities:**

* Involved in SLM Portal Display
* Involved in Logic building and Coding for KPI (Key Performance Indicator)
* Interacting with business team and understanding them about our products and related technologies.
* Troubleshooting the development issue and providing solution.
* Developing unit test plan & Unit testing the code.
* Working with source code analyzer tool like PMD finds unused variables, empty catch blocks, unnecessary object creation, and so forth.

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| **Title** | Aircel’s integration in MSDP SLM and MSDP NOC Portal and Dashboard |
| **Client** | Aircel (India) |
| **Operating System** | Windows 7/XP |
| **Tools** | Eclipse, Apache Tomcat 6.0, Oracle10g,Managed Object |
| **Team Size** | 2 |
| **Role** | Team Member |
| **Period** | May,2011 –December, 2011 |
| **Project Objective** | Development |

**Project Description:**

Aircel’s integration in MSDP SLM and MSDP NOC Portal and Dashboard.

* MSDP SLM-TM Integration for the customer
* Real Time KPI display for the customer from SLM (Service level Management) into NOC internal Portal and Dashboard.
* Trends graphs availability for the customer in NOC Internal Portal.

The J2EE technologies involved include Spring MVC, JSP, Managed Object, Oracle10g, Hibernate, PMD, GitHub. The Web and Application Servers are Apache Tomcat 6.0.

**Responsibilities:**

* Involved in SLM Portal Display
* Involved in Logic building and Coding for KPI (Key Performance Indicator)
* Interacting with business team and understanding them about our products and related technologies.
* Troubleshooting the development issue and providing solution.
* Developing unit test plan & Unit testing the code.
* Working with source code analyzer tool like PMD finds unused variables, empty catch blocks, unnecessary object creation, and so forth.

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| **Title** | Online Transport Management System |
| **Operating System** | Windows 7/XP |
| **Tools** | Eclipse, Apache Tomcat 6.0, MySQL |
| **Team Size** | 2 |
| **Role** | Team Member |
| **Period** | January,2010 –April, 2011 |
| **Project Objective** | Development |

**Project Description:**

It is a transporter software developed as a product, it has various features like docent entry, manifest entry, challan entry, POD etc. This product has also a sub accounting module which calculates the Balance Sheet and Profit & Loss. The J2EE technologies involved include JSP, Servlet, JDBC, MySQL, Subversion. The Web and Application Servers are Apache Tomcat 6.0.

**Responsibilities:**

* Involved in GUI Development Process
* Involved in Logic building and Coding
* Involved in the accounting module
* Involved in the user restriction & Loss.
* Developing code of user interface and business logic layer.

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| **Title** | E-Learning portal***.*** |
| **Tools** | Eclipse, Apache Tomcat 6.0, Oracle10g |
| **Team Size** | 2 |
| **Role** | Team Member |
| **Period** | July,2009 –December, 2009 |
| **Project Objective** | Development |

**Project Description:**

The portal is a interactive e-learning portal, It can have several courses, which will be assigned by the site administrator or the moderator. It has a MLM (Multi-level Marketing) screamed also. The registered candidate of the portal can directly login their zone using their username and password. The J2EE technologies involved include JSP, Servlet, JDBC, MySQL, Subversion. The Web and Application Servers are Apache Tomcat 6.0.

**Responsibilities:**

* Involved in GUI Development Process
* Involved in Logic building and Coding
* Fixing bugs.