**Karun Gurung**

**karun.grg27@gmail.com**

**(952) 486-8089**

**SUMMARY**

* Over 7 years of experience in full project life cycle of Web and Enterprise Applications using Java/J2EE Technologies.
* Experience with software development methodologies like Waterfall, Agile and involved in Object Oriented Analysis and Design (OOAD).
* Worked extensively on design and development of Core J2EE Technologies which includes Java, JSP, Servlets and JSTL.
* Experience with responsive web design with HTML/HTML, CSS, AJAX, Angular JS, JavaScript and Boot Strap.
* Experience in Client MVC frameworks like Angular JS, Backbone JS, Ember JS and EXT JS.
* Experience in UI technologies HTML 5, CSS3, JavaScript, XSLT and XML.
* Experience in client side script using java script frameworks like JQuery and interacting with server side with AJAX.
* Hands on experience with Spring MVC and Hibernate Frame Works.
* Proficient in Service Oriented Architecture (SOA) and related Technologies (Web Services, SOAP, WSDL, RESTFUL).
* Expertise in developing **GUI** using Web-Development technologies like **HTML, DHTML, DOJO, JavaScript, CSS, HTML5, Angular JS, Node JS, Bootstrap, Spring boot, JSF and jQuery**.
* Good exposure in Design Patterns: Singleton, Factory, Service Locator, MVC, Business delegate.
* Experience in IDE’s like IBM Rational Application Developer, NetBeans and Eclipse.
* Experience in Database Design, Creation and management of Schema, writing SQL queries, PL/SQL, Triggers and Stored Procedures.
* Experience working on various databases including MySQL, Microsoft SQL and Oracle.
* Experience in using CVS and SVN for version control, JUnit for unit testing, Log4j for logging with different levels.
* Experience in ANT and Maven for project build.
* Deployment experience in various Application Servers: IBM WebSphere, Oracle WebLogic and Apache Tomcat.

**TECHNICAL SKILLS**

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| **Languages** | C, C++, Java, Pl/SQL, SQL. |
| **Java/J2EE Technologies** | JDBC, Multithreaded Programming, JSP, Servlets, Java Mail, RMI, JMS, JNDI, LDAP. |
| **Frameworks** | Spring, Hibernate. |
| **Web Technologies** | Angular JS, HTML, CSS, JavaScript, JQuery,XML, AJAX. |
| **Web Services** | SOAP, REST. |
| **Databases** | Oracle, MS Access, MS SQL Server, MySQL. |
| **Built Tools** | Maven, Ant. |
| **Application/Web Servers** | WebSphere, WebLogic, JBoss, Tomcat |
| **IDEs** | RAD, Eclipse, NetBeans,Spring Tool Suite (STS). |
| **Operating Systems** | Windows, Linux, Unix. |
| **Version Tools** | SVN, CVS, GIT. |
| **Other** | JUnit, Log4j. |

**EDUCATION**

**Bachelors in Computers Science & Information Technology from Tribhuvan University.**

**PROFESSINAL EXPERIENCE**

**Client: United Health Group, Eden Prairie, MN February 2017 till date  
Role: Java/J2EE Developer**

**Responsibilities:**

* Responsible for Analyzing, designing, developing, coordinating and deploying web based application.
* Designed and developed User Interaction screens using Angular JS, HTML5, CSS3, JavaScript, AJAX and JSON.
* Used Angular JS as the development framework to build a single-page application.
* Developed facilities for stripping long error messages from minified JavaScript code for Angular JS.
* Used Spring core annotations for Dependency Injection Spring DI and Spring MVC for REST APIs and Spring Boot for micro-services.
* Developed JMS components to send messages from one application to other application internally.
* Worked on Spring Security Framework for authentication and authorization.
* Used Hibernate framework for the backend persistence layer.
* Integrated Spring DAO for data access using with Hibernate.
* Worked with DB architect to design database objects, Conceptual Data Model and Logical Data Model.
* Designed and developed applications with multi-threaded environment.
* Developed the Servlets for processing the data on the server.
* Developed PL/SQL triggers and master tables for automatic creation of primary keys.
* Coordinated team application of test-driven development (TDD) strategies to optimize system quality and to enable rapid refactoring.
* Used GIT repository for Source Code Management (SCM) systems.
* Built the application and managed project dependencies using Maven.

**Environment:** J2EE, JSP, Servlets, Spring, MVC, JMS, JNDI, Spring Boot, Hibernate, HTML5, CSS3, JavaScript, AJAX, Angular JS, JSON, REST, Log4j, Oracle, PL/SQL, JUnit, WebLogic, Eclipse, GIT, Maven, Windows.

**Client: Deloitte, Camp Hill, PA October 2015 to February 2017  
Role: Java/J2EE Developer**

**Responsibilities:**

* Following Agile methodology and SCRUM meetings to track optimize and resolve impediments to meet deadlines on time.
* Developed the application using MVC, Business delegate, DAO, and Session facade patterns and JDBC for persistence layer.
* Built SPA with loading multiple views using route services using Angular2 and NodeJS
* Created Angular2 components, implemented Interpolation, Input variables, Bootstrapping, NgFor, NgIf, Router Outlet, binding the events, decorators.
* Developed the front-end screen using HTML, CSS and JSP and client side validation using JavaScript.
* Used SOAP based web services using JAX-WS to produce data to other projects and consume data from different projects.
* Created and injected Spring services, Spring controllers and DAOs to achieve dependency injection and to wire objects of business classes.
* Used Hibernate, object/relational-mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL-based schema.
* Used Eclipse for IDE and ANT to build the application and deployed the application on Web Logic app server.
* Used Log4J for logging and tracing the messages.
* Involved in Code Reviews and Code deployments process.
* Used Tortoise SVN for version control.
* Involved in root cause analysis of  Java and PL/SQL  codes and also in bug fixing the module.
* Used Oracle 10g and 11g database and Involved in working on Oracle SQL & PL/SQL development.
* Involved in production issues, interacted with the users and documented the application.
* Involved in Unit testing and Functional testing during application server migration (from Web Logic to JBoss) and Database migration project.

**Environment:** Java/J2EE, Spring, Hibernate, JDBC, Angular JS, AJAX, JavaScript, JSP, Eclipse, WebLogic, HTML, CSS, PL/SQL, Oracle, Webservice, SOAP, ANT, Log4J, JUnit, XML, SVN and Windows.

**Client: GE Healthcare, Milwaukee, WI January 2015 to October 2015  
Role: Java/J2EE Developer**

**Responsibilities:**

* Actively involved in various phases of Software Development Life Cycle (SDLC) as requirement gathering, modeling, analysis, architecture design and development and the project was developed using Agile Methodologies.
* Used Spring Managed beans to use windows session state framework to persist session.
* Used the J2EE components like Servlets, JSP’s and implemented for MVC architecture.
* Designed and developed the Graphical User Interfaces using JSP, JSTL, AJAX, HTML, CSS and JavaScript.
* All the Business logic in all the modules is written in core Java.
* Wrote Web Services using SOAP for sending and getting data from the external interface.
* Used Design patterns such as Business delegate, Service locator, Model View Controller, Session façade, DAO and DTO.
* Involved client side designing and validation using HTML, Angular JS, CSS, JavaScript, JSP.
* Updated pages using HTML, CSS, in Angular JS framework and created Responsive Web Pages using Bootstrap framework.
* Deployed the applications on BEA WebLogic Application Server.
* Used AJAX Framework for Dynamic Searching of covered products for funding.
* Used Hibernate in data access layer to access and update information in the database.
* Used Web services - WSDL and SOAP for getting credit card information of the insured patients from third party.
* Used SOAP for load testing the Web Services.
* Implemented object/relational persistence (Hibernate) for the domain model in DAO layer.
* Created the database SQL and PL/SQL queries and Stored Procedures.
* Implemented the JMS (Java messaging service) for asynchronous communication.
* Used Log4J to print info, warning and error data on to the logs.

**Environment:** Java, J2EE, Spring, Hibernate, UML, JMS, Servlets, JSP, JSTL, AJAX, HTML, CSS, JavaScript SOAP, XML, WSDL, WebLogic, Oracle, Maven, JUnit, Log4j,GIT, Windows.

**Client: Liberty Savings Bank, St Cloud, MN March 2014 to December 2015  
Role: Java/J2EE Developer**

**Responsibilities:**

* Followed Agile software development practice paired programming, test driven development and scrum status meetings.
* Designed and developed the Graphical User Interfaces using JSP, JQuery, AJAX, HTML, CSS and JavaScript.
* Gathered, documented and analyzed business requirements in order to help define scope of software development initiatives.
* Integrated the application with spring and implemented Dependency Injection to provide abstraction between presentation layer and persistence layer.
* Used MVC and Singleton design pattern to develop the application.
* Developed Web Services (SOAP) to communicate with the application using XMLs.
* Used Spring Tool Suite (STS) IDE on Windows to develop the application and deployed at appropriate Tomcat servers.
* Created XSD, XSLT documents to map to XML documents for web services.
* Used Maven to develop build scripts and generate source files that handle JAR and WAR files.
* Experience in writing test cases in JUnit for unit testing for different services and front-end programs.
* Used Log4J for logging and tracing the messages.

**Environment:** Java, J2EE,Spring,JSP, JQuery, AJAX, HTML, CSS, JavaScript, XML, XSD, XSLT, Spring Tool Suite(STS), Maven, SOAP Web Services, JUnit, Log4j, SVN, Agile, Windows.

**Client: Caterpillar, Peoria, IL July 2012 to March 2014  
Role: Java/J2EE Developer**

**Responsibilities:**

* Actively, involved in analysis, specification, design, implementation and testing phases of Software Development Life Cycle (SDLC).
* Designed UML Use case diagrams, Class diagrams, and Sequence diagrams.
* Developed various Enterprise Java Bean components to fulfill the business functionality.
* Performed client side as well as Server side Validations using JavaScript.
* User interface was developed using HTML, JSP, AJAX, and CSS Framework.
* Developed controller components using Servlets.
* Used Java Messaging Services (JMS) for reliable and asynchronous message transfer.
* Implemented Model View Controller (MVC) architecture using Spring Frameworks at presentation tier.
* Extensively used Hibernate in data access layer to access and update information in the database.
* Designed various tables required for the project in Oracle databaseand used the Stored Procedures in the application.
* Prepared Test Cases and Unit Testing performed using JUnit.
* Used Log4J for logging and tracing the messages.
* Used CVS for version control across common source code.

**Environment:** Java, J2EE,Spring, Hibernate, Servlets, UML, JMS, XML, JavaScript, HTML, CSS, JBoss ,Eclipse, SOAP Web Services, PL/SQL, Oracle, ANT, JUnit, Log4j, CVS, Windows.

**Client: MetLife, Dallas, TX January 2011 to July 2012  
Role: Java/J2EE Developer**

**Responsibilities:**

* Developed and Implemented SOAP Web Services and used Spring Framework.
* Designed and developed Enterprise Eligibility business objects and domain objects with Object Relational Mapping framework such as Hibernate.
* Developed JavaScript for all client side validation and developed User Interface (GUI) using JSP and CSS.
* Used various Design Patterns like Factory, Abstract Factory and Singleton Patterns.
* Deployed application in WebLogic application server.
* Developed PL/SQL procedure for login module and registration module.
* Prepared statements, Stored Procedures and to manipulate the data in the database
* Integrated the spring framework with Hibernate ORM tool to access the Oracle database.
* Developed of test procedures for unit testing and testing of the module.
* Used JUnit for testing and integration of modules.
* Monitored error log using Log4j and solved the problems.

**Environments**: Java, J2EE, Spring, Hibernate, UML, JMS, Servlets, JSP, HTML, CSS, JavaScript SOAP, XML, WSDL, SOAP WebLogic, Oracle, PL/SQL, Maven, JUnit, Log4j,SVN, Windows**.**

**Client: Standard Charted Bank, Kathmandu, Nepal April 2010 to December 2010  
Role: Java Developer**

**Responsibilities:**

* Worked extensively as part of a team in the design, development, testing, deployment and implementation, production support, maintenance, and enhancement of this project.
* Used different design patterns, like MVC, Controller, while implementing the Spring Framework.
* Implemented JDBC to interact with Oracle database.
* Worked extensively in developing applications using DAO layer, Service layer and controllers using Spring Annotations and Dependency Injection.
* Used XML parsers to parse the XML files.
* Created Various UML Diagrams E.g. Class diagrams, Sequence diagrams.
* Coordinated with QA team to ensure the quality of application.
* Deployed Application to WebSphere Application Server.
* Converted the build tool from Ant to Maven.

**Environment**: Java, J2EE, Spring, JDBC, JMS, RESTFUL Web Service, Oracle, PL/SQL,WebSphere, Eclipse, ANT, Maven, JUnit, Log4j, CVS, Windows.