**Bibek Gaihre**

**bibek0928@gmail.com| 434-406-0158**

**SUMMARY**

* Full Stack Software Developer with Eight Years of Professional Experience
* Good understanding of Software Development Lifecycle (SDLC)
* Excellent experience in using Agile Methodology
* Expert in developing Applications using HTML 5, CSS3, AngularJS, Node.js
* Good experience in developing WebServices using Node.js
* Excellent Experience in developing Application using Angular JS 1.x (Directives, Controller, Services, Promises)
* Good Experience on using Karma and Jasmine for developing Unit Test Cases Angular JS
* Excellent Understanding of End of End Testing in Angular JS using Protractor
* Good Understanding and Knowledge of using Angular 2 and Angular 4
* Have knowledge on implementing web applications using **React JS** library. Implemented reusable components and forms using **React JS** while developing a web application.
* Conversant on developing Microservices using Spring Boot, Spring/Netflix Cloud
* Good Experience developing REST WebServices using Spring Core, Spring MVC and Spring AOP
* Extensive Experience on developing application using Core Java (Java 8, Java 7), JSF (IceFaces), Spring (Core, MVC, Boot, AOP)
* Proficient in using ORM Framework Hibernate and JPA 2.0
* Good Experience using Maven to Build Application
* Excellent Experience and Understanding of using Jenkins to build and deploy the application
* Experience in using Amazon Web Services (AWS), AWS SNS/SQS, AWS EC2 Instance, AWS Elastic Beanstalk
* Excellent Experience in developing application using distributed version control GIT and other version controls CVS, SVN
* Worked on various search engines such as elastic search and Apache Solr.
* Strong Knowledge in Object Oriented Analysis and Design Skills
* Ability to communicate effectively with all levels of the organization such as technical, management and customers and presented technical designs and strategies through daily operational meetings.
* Quick learner, ability to work in challenging and versatile environments and self-motivated, excellent written/verbal communication.

**TECHNICAL SKILLS**

Java Technology Java 1.7, JSF (ICE Faces, Rich Faces), JSP, JDBC, Servlet, EJB, JMS, JNDI

ORM Framework Hibernate, JPA 2.0

Spring Framework Core Spring, Spring MVC, Spring AOP, Spring Boot, Spring Netflix Cloud

Build Tool Maven, Gulp, ANT

JavaScript Framework Angular JS, Jquery, Node.js

Application Servers Tomcat, Jboss, IBM WebSphere, Oracle Weblogic Server

Scripting Languages Unix Shell Script, Python, Jython, PHP

Web HTML, CSS, JavaScript

XML XML, XSD, XSLT

Testing JUNIT, Jasmine, Karma, EasyMock

Database Oracle, MySQL, Mongo DB, Couch DB

Version Control CVS, GIT, Clearcase

Methodology Agile, Waterfall, Scrum

Operating Systems Windows, Mac, Linux, Unix

IDE Eclipse, IntelliJ

**WORK EXPERIENCE**

**Wells Fargo Bank, Charlotte, NC July 2015 - Present**

**Full Stack Developer**

**Project Description:**

Wells Fargo offers banking, mortgage, trading, and financial services. The project involved the implementation of a loan tracking application used for tracking various mortgage loans. It also included interfaces with Servicing Vendor, Document Preparation Vendor, Flood/Tax Service Vendor and General Ledger.

**Responsibilities:**

* Followed SCRUM as part of development process with 3 weeks of iteration
* Created a custom, single-page, responsive web application to replace a legacy line-of-business web application using Angular JS, HTML5 and CSS3
* Used Angular JS to create custom directives, controllers, filters and views
* Create Angular JS factory to handle AJAX call through $http service
* Used Gulp for build and local development of the web application
* Wrote custom validation framework for form elements using native Angular JS validation framework
* Used Node.js to create express server, package Angular JS app, install node dependencies and run the web application
* Creating database schemas that represent and support business processes with **Node.js** (**sequelizeJS module)** for **POSTGRESQL** database as **ORM**.
* Worked on UNIX systems to build and deploy the application in different test environments.
* Implemented Unit Test Cases using Karma and Jasmine.
* Used **React JS** for search engine optimization and worked with different components in implementing the web application for internal purposes.
* Worked with redux technology for implementing the web application.
* Implemented Restful Web services to send order details to downstream systems using Spring MVC
* Designed application modules, base classes and utility classes using core java
* Designed and implemented customized exception handling to handle the exceptions in the application.
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
* Python/Django based web application, Postgre sql DB and integrations with 3rd party email, messaging, storage services.
* Developed Business/Service components using Java Objects.
* Wrote DAO layer using Mongo Repository to store/retrieve data from MongoDB
* Implemented Maven Script to create JAR, WAR, EAR & dependency JARS
* Used Jenkins for continuous integration and to spun op a EC2 instance in Amazon Web Services (AWS) Cloud
* Implemented version controlling using GIT.
* Involved in bug fixing during the System testing, Joint System testing and User acceptance testing.
* Deliver new and complex high quality solutions to clients in response to varying business requirements

**Environment:** Java 7, Java 8, Agile, Spring Core 4.1, Spring AOP, Spring MVC, Hibernate, JPA, Shell Script, Angular JS, CSS3, HTML 5, Jasmine, Karma, JQuery, SQL, PL/SQL, Oracle, Maven, Weblogic Application Server, Jetty, GIT, UNIX

**State Farm Insurance, Bloomington, IL** **Sep 2013 - June 2015**

**Java Developer**

**Project Description:**

This is a web-based project designed and developed for insurance agents. The agents will issue policy

through this application for their customers. Eligibility of the customers is decided based on the past

records which are automatically populated by the program. If the customer is an existing customer, then

the existing rules apply. If the customer is a new customer, then future business rules will apply. Agents

can check th e status of their customers and their current policy rules. Once policy number is auto

generated, then the policy details are issued to the customer.

**Responsibilities:**

* Designed and Developed Solutions using Agile Methodology that includes Iterative Application Development, Bi-Weekly Sprints,
* Daily Scrum Standup Meetings, Retrospective Meeting and Backlog Grooming
* Used JIRA for Streamlining the Agile Planning
* Developed Single Page Application using Angular 1.x
* Developed Custom Directive, Multiple Controllers, and Factory Services for the SPA using Angular JS.
* Used React.js to create single page application and resolve dependencies within the system components.
* Developed UI Screens using HTML 5, CSS3 and SASS
* Developed REST WebServices using Core Java, Spring Core, Spring MVC
* Developed Multi- line statements and scripting language using Python.
* Extensively used Apache Solr as a search engine.
* Developed Microservices(Breaking down the monoliths) using Spring Boot and Spring Netflix Cloud
* Developed and Designed Object Relational Mapping to the Service Layer using JPA 2.0 and Hibernate
* Extensively involved in performance tuning Hibernate (Resolving complex problems n+1 select issues)
* Developed SQL Queries for Oracle using TOAD and Involved in performance tuning the database
* Developed and Designed Light Weight Webservice using Node.js
* Developed and Designed CI/CD using Jenkins and SonarQube
* Used Maven for building the application
* Used GIT for Version Control and helped resolved issues related to (Merge, Rollback)

**Environment:** Java 7, J2EE, Spring Core, Spring MVC, Spring Boot, Spring Netflix Cloud, Angular JS, HTML 5, CSS3, SASS, Hibernate, JPA, RESTFul Web Services, SQL, Node.js, Jenkins, SonarQube, Maven, SVN, CVS, GIT, JBOSS, Unix, Windows 7

**PNC Bank, Pittsburgh, PA** **May 2010 - June 2013**

**Java Developer**

**Project Description:**

PNC offers a wide range of services for customers, from individuals and small businesses, to corporations and government entities. PNC provides Retail Banking and Residential Mortgage banking services. PNC MIS E-Commerce will provide the Online Account Opening, Mortgage, Social Features Services and Alert Messages. Alerts CTA is Event Driven Architecture designed to process business events and provide consumers a mechanism to have visibility into those events via a subscription process. Subscribers have the ability to tap into the streams of business events. In addition; Lines of Business have the ability to control subscriptions at a higher level: specifying event type specific rules, alert deferral logic, alert aggregation and alert formatting templates.

**Responsibilities:**

* Developed and Designed solutions using Waterfall Methodology
* Involved in Requirement Gathering, Design, Analysis, and Preparing the use cases
* Developed Backend Services implemented through SOAP Web Service and Integrated with presentation layer using HTML/CSS/JavaScript
* Implemented Ajax Script to validate the user input before submitting to server.
* Used React.js to create single page application and resolve dependencies within the system components.
* Developed REST Web services for retrieving data’s from Oracle DB and populated in UI through JSF.
* Developed JDBC transactions through Spring JDBC Template.
* Deployed and executed complete implementation of business/data access layer in Web Sphere Application Server
* Created unit test plans using JUnit and involved in unit test execution.
* Worked in Oracle DB database through SQL Developer tool to write and optimize the queries and to monitor the performance of the queries used by application.
* Involved in developing SQL queries, stored procedures, and functions.
* Worked with Database Administrators to solve the problems generated while creating tables for application.
* Used log4j for tracking errors and debugging the code.
* Produce and consume messages through JMS Functionality using IBM MQ Series.
* Applied appropriate design patterns like Façade to simplify the complexity of application and Singleton to generate letters to Chief Financial Officer (CFO).
* Used clear case tool for code repository and as version control mechanism.
* Conducted code reviews against coding standards and made sure the best practices are maintained in development process.
* Working with Harvest - software configuration management tool that is used to handle all the code management/configuration works well.
* Worked with User Acceptance Testing (UAT) to fix the bugs.
* Used CVS for Version Control

**Environment:** Core Java 1.6, J2EE, Core Spring, Spring JDBC, JavaScript, JQuery, HTML, CSS, Hibernate, SOAP, JUnit, JMS, IBM WebSphere MQ, IBM WebSphere Application Server, IBM Rational, SQL Developer Tool, SQL, PL/SQL, SVN, CVS, Ant, Unix, Windows XP

**EHealth Care System (EHCS) , New York, NY July 2009 to April 2010**

**Java Developer**

**Project Description:**   
The system provides online access to Members, Employers and Brokers regarding Patient Administration, Billing and Pharmacy Management functions for the hospital. The major functions are Member registration and Medical Record information, Pharmacy Information, Appointments, Handling Hospital Admissions, and Assigning Insurance Details for Billing, Recording Transfers within the hospital and Creation of Discharge Summary and Details. The system is developed using J2EE Technologies with Spring Frame Work and Hibernate Technologies.   
   
**Responsibilities:**   
• Developed business modules with JSP, Servlet, spring framework, Java, XML.

• Developed client architecture using AngularJS and bootstrap.

• Developed J2EE application development on Windows and UNIX platforms.

• Developed MVC architecture using Backbone.js

• Deployed and Developed Web Services and Integrating clients with the services using SOAP and Rest

• Developed entire project using spring framework.

• Developed high performance object/relational persistence and query (Sql) service for entire

application.

• Configuring, Hibernate, Struts related XML files.

• Used hibernate for loading user profile information data mapping and creating objects.

• Taken care of complete Java multi threading part in back end components.

• Developed required Action classes, presentation layer forms using Action Form beans and JavaBeans containing the business logic.

• Developed Data Access Objects (DAOs) and business delegates for accessing data.

• Created Hibernate classes to transfer the data to the database.

• Developed Stored Procedures and Functions, Views for the Oracle database (PL/SQL)

• Configured and implemented Log4j for logging and Maven for CI integration.

• Efficiently managed the tasks and working and delivering features in a fast paced scrum environment and provide critical reports to end users on time.

• Deployed the application on Web Sphere server.  
   
**Environment:** Java, J2EE 1.3, JSP, Servlets 2.3, JDBC 2.0, Struts, Eclipse, Hibernate3.0, Web Services, SOAP, Restful, SOAP UI, Log4j, MAVEN, ANT, UML, HTML, bootstrap, XML, SQL, Unix, Oracle 10g, Junit, TOAD, Web sphere Application Server.

**EDUCATION**

**Masters in Engineering Technology Management, MWSU, MO**