**BHUVANESWARI CHINNAM**

**(510)-695-4507**

[**chbhuvaneswari126@gmail.com**](mailto:chbhuvaneswari126@gmail.com)

**PERSONAL PROFILE**

To acquire challenging and growth-oriented position where I can enhance my technical skills, develop my creativity by putting down my best efforts in the assigned job and take an active part in company development.

**PROFESSIONAL EXPERIENCE**

* Around 6 years of experience in all the technical phases of Software Development Life Cycle (SDLC) including Requirement Analysis, Design, Implementation and Testing in both Web based and Enterprise applications with emphasis on Object Oriented, Java/J2EE technologies.
* Experience in Strong application development using Agile Software Development methodologies like Scrum, Sprint and Traditional software models like Waterfall and Test-Driven Development.
* Experience on different IDEs such as Eclipse, Spring Tool Suite, IntelliJ and deployment using Application Servers like Apache Tomcat, WebLogic, Web Sphere and JBOSS.
* Extensively worked on coding using core java concepts like multithreading, collections, generics, network APIs and database connections.
* Experience in designing and developing multi-tier enterprise applications using, J2EE related technologies such as Servlets, Struts, and spring, JDBC, Hibernate, XML, JSP, HTML and Web Services. Implemented Frontend development using ReactJS application and communicated with backend services.
* Hands-on experience in using frameworks like Struts and Spring.
* Good understanding and working knowledge in Oracle and MySQL as well as NoSQL Database such as MongoDB & Cassandra.
* Wrote Page level code using JavaScript with Angular.js framework along with JQUERY and other JavaScript libraries.
* Developed a core component of Analytics with Angular.
* Extensive experience in developing Microservices using Spring Boot and followed domain driven design.
* Handled operations and maintenance support for AWS cloud resources which includes launching, maintaining EC2 instances, and S3 buckets, Auto Scaling
* Hands on Experience in developing web applications by using Spring framework modules like Spring IOC, Spring AOP, Spring MVC, Spring Security, Spring Boot, Spring Batch and Spring Data.
* Proficient with build automation tools like Maven, Gradle and ANT for builds and deployments to different environments.
* So had good knowledge and debugging skills in servlets.
* Experienced in using Messaging Services like JMS, MQ Series.
* Experienced in UNIX and Shell Scripting.
* Worked on NiFi as a open source software for automating and managing the flow of data between systems to process and distribute data.
* Expertise in developing data models using Hibernate Object relational mapping (ORM) framework and used Hibernate Annotations to reduce time at the configuration level.
* Experience with Web/Application Servers Tomcat, Web Logic, IBM WebSphere.
* Installed, configured, and managed the servers (AWS, Linux, Tomcat, Apache, MongoDB, Hudson/Jenkins, JIRA, Git, and JUnit).
* With the help of postman, tested endpoints which we created.

**TECHNICAL SKILLS**

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| **Skill** | **Experience** |
| Programming Languages | Java (5, Java 6, 7,8), J2EE, EJB, JavaScript. |
| Web Technologies | HTML, JavaScript, jQuery, XML, CSS, JSON, Webservices, Microservices. |
| JEE Technologies | JDBC, Servlets, JSP, RESTful as REST and SOAP. |
| Frameworks | Spring MVC, Spring JDBC, Spring BOOT, Hibernate, JSF, Log4j, JUnit. |
| Web App Server | WebLogic, WebSphere, Tomcat, AWS cloud. |
| Protocols | HTTP, TCP/IP, UDP. |
| IDE’s | Eclipse, Visual Studio code, Squirrel, NIFI MS SQL server management studio, postman. |
| Build Tool/Containerization | Maven, ANT, Ansible playbook, Gradle. Docker |
| Version Control Tool | SVN, GITHUB. |
| Database | MySQL, SQL Server, Oracle, Cassandra, Kafka, Postgres |
| Operating System | Windows XP/7/8/10 and Linux, Putty. |

**WORK EXPERIENCE**

**Client: CareSource, Dayton, OH April 2019- Present**

**Role: JAVA FULL STACK DEVELOPER**

**RESPONSIBILITIES**:

* Participated in all the phases of SDLC including Requirements gathering, Design, Analysis of the Customer Specifications, Development and Customization of the application
* Adapted Agile Methodology from specification, Analysis, Design, System integration, Testing, Deployment and Maintenance
* Used Eclipse as IDE, configured and deployed the application onto Tomcat application server using Maven build scripts to automate the build and deployment process
* Good Expertise in Stream of API for Bulk Data Operations on Collections and API improvements in Java 1.8
* Modified the UI screens created by web designer usingHTML5, CSS3, and JavaScript, React.js.
* Designed and developed various modules of the application with J2EE design architecture and frameworks like Spring Boot architecture and Spring Bean Factory using IOC concepts.
* Developed UI components using React JS, JavaScript, Html tags, CSS, Ajax and JQuery
* Used RESTFUL APIs using HTTP Handlers in developing Web Service replication interface for setting up data feeds for content transportation in XML and JSON formats
* Developed interfaces/APIs in Java to interact with various backend systems
* Maintained Interface compatibility and concurrency in the project using Java8 new features like default, static methods, and Lambda Expressions.
* Involved in writing Spring Configuration XML, file that contains declarations and business classes are wired-up to the frontend managed beans using Spring IOC pattern
* Implemented the application using Spring Boot, Spring IOC Framework and handled the security using Spring Security
* Used multithreading in programming to improve overall performance using Singleton design pattern
* Developed the persistence layer using Hibernate Framework, created the POJO objects and mapped using JDBC
* Implemented Micro Services based Cloud Architecture on AWS Platform and Cloud Foundry
* Used spring config server for centralized configuration and Splunk for centralized logging. Used Concourse and Jenkins for Microservices deployment
* Extensive experience in Amazon Web Services (Amazon EC2, Amazon S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon CloudFront).
* Implemented service methods and SQL queries to interact with the Oracle DBMS. Developed queries to perform CRUD operations.
* Exported SQL data into Elastic search to allow much faster and scalable user searches from the database.
* Setup the continuous Integration (CI) and continuous Deployment (CD) process for the application using the Jenkins
* Implemented log4j logging framework by creating various Splunk monitoring tools dashboards for easy racking and debugging
* Used JIRA extensively to log all issues and track development status.
* Developed unit testing framework using JUnit test cases for continuous integration testing
* Developed the build scripts using Maven and deployed into different environments.
* Used GIT Version Controller to maintain the version of the files and took the responsibility to do the code

**Environment**: Java/J2EE, JDK 1.8, Eclipse, Spring Boot, Spring Security, Tomcat, Agile methodology, RESTful Web Services, HTML5, CSS3, Java Script, J Query, Ajax, AWS EC2, S3, Micro Services, React JS , Bootstrap, Maven, Oracle, Squirrel, SQL, JIRA, Log4j, JUnit, SVN , GIT.

**Client: Sallie Mae Bank Newark, DE August 2018- March 2019**

**Role: SR.JAVA DEVELOPER**

**RESPONSIBILITIES:**

* Understanding the requirements by interacting with business users and mapping them to design and implementing it following the AGILE Development methodology.
* Extensive use of EJBs for middle tier component to implement the business logic. We used java 8 version in creating applications.
* Developed an automated application using JMS for messaging and JNDI to interact with the Server.
* Used JDBC API as part of the DAO layer in the project.
* Developed warmup programs in core java to load recently logged in user profile information into MSSQL DB.
* Performed manual testing and used logging tools like Splunk, putty to read the application logs for elastic search.
* Involved in team planning and architecture to create Microservices.
* Implemented Micro Service Monitoring. Integrated Swagger UI and wrote integration test along with REST document.
* Actively involved in the DevOps streamlining process through Jenkins CI and CD Release Automation
* Wrote complex validations using client-side Java scripts and designing the GUI.
* Developed multiple topics for existing message queues.
* Used NIFI to make pipeline to load data into Cassandra DB. Created columns and synchronize data from NIFI data flow into Cassandra DB.
* Configured the data mapping between Oracle and SQL Server and tested performance accuracy related queries under SQL Server.
* Built Angular 8 components, UI services to consume rest services using Component based architecture provided by Angular 8.
* Developed powerful Single Page Application and dynamic responsive Web Application with Angular 8.
* Used Angular HttpClient to send GET/POST request to fetch data from server
* Converted a monolithic app to microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Created connections to database using Hibernate Session Factory, used Hibernate APIs to retrieve and store data with Hibernate transaction control.
* Used Amazon Route53 to manage DNS zones and also give public DNS names to elastic load balancers ip’s.
* Used AWS RDS for database configuration.
* Used AWS code pipeline for moving the code across different environments.
* Experienced in writing JUnit test cases for testing.
* Experienced in using Java tools in Eclipse.
* Involved in the Production support of the Application. Performed application development using RAD and WebSphere Application Server (WAS).
* Worked on application screens/modules and developed professional and dynamic user interfaces using CSS and JQuery.
* Helped in creating Splunk dashboard to monitor MDB modified in the project.

**Environment:** Core Java 8, J2EE, Spring MVC, Hibernate, Cassandra DB, Apache Axis2, WSDL, Restful Web Services, AWS cloud, JavaScript, JMS, Agile Methodology, PL/SQL, UNIX, Oracle, NIFI, TOMCAT, Eclipse, J Query, AJAX, Jenkins, Sonar, Maven, CVS, JSON.

**Client: Costal American Insurance Company, Gulfport, MS July 2016- August 2018**

**Role: SR.JAVA DEVELOPER**

**RESPONSIBILITIES**:

* Actively involved in defining and designing the tiers of the applications and implementation using J2EE design practices.
* Experience in identifying the technical areas that contributed to the issues and documenting them. Worked with development of presentation tier using JSTL, JavaScript, AJAX, jQuery.
* Developed User Interfaces using HTML, CSS and JSP's for user interaction.
* Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API's.
* Utilized JIRA as a ticketing tool and SVN for code repository.
* Developed DAOs (Data Access Object) using Hibernate as ORM to interact with DBMS MySQL.
* Used Hibernate Transaction Management, Hibernate Batch Transactions and Cache Concepts.
* Implemented JMS for asynchronous auditing purposes.
* Extensively Used JavaScript to provide the users with interactive, Speedy, functional and more usable user interfaces.
* Looking into the Splunk logs for hidden application errors
* Responsible for change requests and maintenance during development of the project.
* Designed and deployed server side EJB (Session Beans and Entity Beans) components on Eclipse IDE.
* Implemented server-side tasks using Servlets and XML.
* Consumed Web Service using WSDL and SOAP and Used SoapUI for testing.
* Wrote PL/SQL queries, Stored Procedures, and Triggers to perform back-end database operations.
* Configured the project on Oracle WebLogic application server.
* Used Typescript and its features such as static typing, classes and interfaces. Created TypeScript reusable components and services to consume REST API's using Component based architecture provided by Angular 7.
* Extensively used Angular-cli to generate components, routes, services, pipes and to run tests.
* Create interactive websites and website features using JavaScript and JQuery/ JQuery UI.
* Used Selectors in JQuery for updating content on DOM nodes.
* Contributed to typescript in java development by creating an account on GitHub.
* Used Restful web services to consume the service and SOAP UI to test the web services.
* Worked on creating a test harness using POJOs which would come along with the installer and test the services every time the installer would be run.
* Designed, developed, implemented, and maintained custom Ant tasks in Java and Groovy.   
  Created a light front-end framework against the JSON API for their service request portal using Backbone.js.
* Used Multithreading and collections to improve performance of application.
* Built scripts using Apache Ant to build the J2EE applications. Used SVN for version control.
* Written Test cases using JUnit framework to validate the application flows in different scenarios.
* Implemented the logging mechanism using Log4j framework.

**Environment**: Java 1.7, JSP, JSTL, EJB, Eclipse IDE, Hibernate 4.0, jQuery, JavaScript, AJAX, Spring Boot, HTML 4/5, CSS 3, XML, Oracle WebLogic 10.3.5, JUnit, PL/SQL, Oracle 11g, ANT, UML and SVN.

**Client: Lansum Etnia, Hyderabad June 2015 – July 2016**

**Role: JR. JAVA DEVELOPER**

**RESPONSIBILITIES** :

* Designed the Back-end tables for this module.
* Communicate with business for obtaining requirements from the legacy system and Involved in understanding the scope of application, present schema, data model and defining relationship within and between groups of data
* Developed presentation layer using HTML5, CSS3, Bootstrap, JavaScript, JQuery and Angular JS.
* Design and developed template-based User Interface using Bootstrap and Angular JS.
* Handled all the client-side validations, slide show, hide and show controls, dropdown menus and tab navigation using JQuery.
* Designed and developed application using Spring Framework modules like Spring IOC, Spring AOP and handled security using Spring Security Oauth.
* Spring MVC model integration for front-end request action controller and Spring AOP for logging purposes.
* Used Spring IOC for dependency injection and developed controllers for handling Http requests and providing Http response.
* Developed REST and SOAP based Web Services for data retrieval to make it independent of the current application.
* Implemented Service Oriented Architecture by SOAP based Web Services with JAX-WS and WSDL.
* Worked on XML, XSLT and JSON for transferring and retrieving data between different applications.
* Established connection to Oracle database with Spring Integration, Hibernate and created POJOs for mapping with the database tables.
* Experience in writing complex PL/SQL queries using joins, Stored Procedures, Functions, Triggers, cursors, and indexes in Data Access Layer.
* Developed test cases for Unit Testing, Integration Testing with JUnit.
* Worked on Log4j for logging errors, messages and performance logs.
* Used Maven as build automation tool and deployments are on Jetty Server.
* Jenkins for Continuous Integration and Spring Tool Suite (STS) IDE for application development.
* Defined the Hibernate configuration file, hibernate mapping files and created classes to persist the data into Oracle.
* Development carried out under STS Integrated Development Environment (IDE)

**Environment**: Java, HTML, Bootstrap, AngularJS, JSP, DAOs, CSS, Java Scripts, PL/SQL, OOPS, JDBC APIs, SOAP.

**Client: Tvarana Software Solutions, Hyderabad July 2014- May 2015**

**Role: FRONT END DEVELOPER**

**RESPONSIBILITIES**:

* Involved in development, enhancement, testing and performance of the application.
* Designed the front-end applications, user interactive web pages in a professional manner with using web technologies like JSP, JSTL, HTML, CSS, JavaScript, jQuery
* Responsible for the (D3) data driven development, Deploy and development of the web applications.
* Used JSON to load data into DOJO data grid.
* Developed CSS page layouts, styles, and table less coding for efficient design.
* Involved in all the business meetings and status update meetings.
* Involved in developing JSP for client data presentation and data validation on the client side within the forms.
* Wrote test classes and suites for all the java classes developed using JUnit framework.
* Involved in interpreting business and functional requirements into a strong design implementation.
* Integrated with the back-end code (JSP) using JQUERY, JSON and AJAX to get and post the data to backend servers.
* Developed CSS page layouts, styles and table less coding for efficient design.
* Used GitHub for source code management and for version control.

**Environment**: HTML4, CSS, AngularJS, JavaScript, JQuery, XML, DOJO, AJAX, JSON, Apache Tomcat, Notepad++, Sublime text, IntelliJ, MySQL, Junit.