**Bhargava**

**Sr. Full Stack Java Developer**

**510 676 1274**

bhargavabandari.java@gmail.com

**Professional Summary:**

* Having **9 years** of extensive **IT** experience in all phases of the Software Development Life Cycle (**SDLC**) which includes development, **design, analysis, testing**, and Integration of various **web-based** and client/server applications in multi-platform environments with **JAVA/J2EE** technologies.
* Experience in working on a financial-based system project.
* Experience in developing applications using **SDLC** methodologies like **Waterfall, RUP, Agile (TDD, SCRUM),** and **Test-Driven** Development.
* Expertise in developing web pages using **HTML5, CSS3, Bootstrap, JavaScript, Typescript, jQuery, Ajax, Angular JS**, and know Server scripting languages like **NodeJS.**
* Expertise in designing and developing enterprise and web applications using **Java** and **J2EE** technologies like **Core Java, JDBC, Servlets, JSP, JUnit, Struts, Spring, Hibernate, HTML and CSS, XML, JNDI, JMS, JSTL.**
* Expert in **Core Java** and implementing concepts like Multithreading, Concurrency, Exception Handling, File handling, **IO**, **Generics**, and **Java c**ollections in various projects.
* Hands-On experience in Web designing & development using **HTML5, CSS, JavaScript, AngularJS, VueJs, jQuery, XML, Bootstrap JS, JSP, JSON, JSF and AJAX**
* Involved in converting Hive/SQL queries into Spark transformations using Spark RDD, Scala and Python
* Highly experience with **Java**-compliant **IDEs** like **Eclipse.**
* Design, Developed and Deployed enterprise advice applications using spring boot for REST services and deployed in EC2 Fargate in AWS.
* Wrote Python scripts to parse XML documents and load the data in database.
* Good experience in developing web applications using **Spring MVC, Struts** framework implementing Action Controllers, **Action Forms**, **Spring** Validation Framework, and **Spring** Tag Libraries
* Solid hands-on with the implementation of application layer security for **RESTful APIs** using **JWT, Spring** Security.
* Designed applications which use caching database **Redis**, to access backend database.
* Responsible for all backup, recovery, and upgrading of all the **PostgreSQL** databases.
* experience in using **Kotlin** with Android Studio and **Eclipse** with **ADT** plugin, designing **UI** layouts using Linear Layout, **Relative Layout, Frame Layout, Table Layout, List View, Grid View** and using Android native widgets and custom Widgets.
* Extensive experience in web design using **CSS3, D3js, Bootstrap, Adobe Illustrator.**
* Developed and designed dynamic web pages using web technologies involving **HTML/HTML5, CSS/CSS3, Bootstrap, JavaScript, Angular JS, v13/11/8/5/4/2, React.JS, NextJS, Node.JS, XHTML,** and **jQuery, Ajax.**
* **Amazon Web Services** expertise **(AWS)**. Extensive knowledge of **Lambda, ECS, EC2, Elastic Beanstalk, ALB, Cloud Watch, Cloud Front, Cloud Formation, S3, RDS, SNS, and SQS.**
* Developed numbers of **Typescripts** objects including Components, **Ng Modules, Providers, Services, Interfaces**, and classes utilizing arrow function and optional types.
* Had experience with **Kubernetes** for containerization management and **Docker.**
* Experienced in developing interactive web applications with Single Page Applications **(SPAs)** Framework using **Angular2, Angular4, Angular6, Angular7, React JS,** and **NodeJS.**
* Developed applications with **Spring** using **Spring MVC, IOC, AOP, JDBC, JTA, DAO, Boot, Security, spring Eureka, Spring Hystrix, spring Ribbon, Spring Microservices, Spring REST, Spring Ribbon, Hateoas.**
* Proficient in writing **SQL queries, PL/SQL** stored procedures, **Triggers,** and creating business tables.
* Experienced with deploying applications onto production servers, configuring various parameters of servers like **Apache Tomcat, JBOSS, BEA Web logic,** and **IBM Web Sphere.**
* Developed Spark Programs using Scala and Java API's and performed transformations and actions on RDD's.
* Portable deployment of applications as a single object using **Docker.**
* Expertise in implementing **Web services**, **Microservices, AWS, Docker** and **JMS** for the synchronous and asynchronous communications between two applications running in different servers.
* Actively involved in the **DevOps** streamlining process through **Jenkins CI** and **CD** Release Automation.
* Used version controller tools like Tortoise Subversion **(SVN), CVS, Git,** and project maintenance is done using **Bitbucket.**
* Implemented a Continuous Delivery pipeline with **Docker, Jenkins, Bamboo, GitHub, and AWS AMI.**
* Experience in working with **IDE** like **Eclipse, Spring Tool Suite (STS), RAD, and IntelliJ IDEA.**
* Have extensive experience working on **Windows, Linux**, and **Unix** Operating Systems.
* Excellent working experience in web-based **GUIs** development using **Spring MVC, Servlets, JSP, JSF, HTML.**
* Good understanding of Business workflow, Business logic, and Business methods for further implementation of user requirements in a distributed application environment.
* Managed **Amazon Web Services like ECS, EC2, S3 bucket, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, Dynamo DB, Elastic search, Virtual Private Cloud (VPC)** through **AWS Console** and **API** Integration.
* Expertise in implementing Design patterns like **Singleton, Factory, Prototype**, Business Delegate, **Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller,** and **DAO** pattern.
* Excellent in developing **REST** and **SOAP**-based Web Services using **JAX-RS, JAX-WS, WSDL, JAX-B, Apache Axis, Apache CXF**, and **Jersey** frameworks.
* Used Couchbase Python SDK to build applications that use Couchbase Server.
* Worked with **SQL** databases like **Oracle**, **My SQL, IBM DB2** and Hands Experience in working with **NoSQL** Database like **MongoDB, Cassandra** to manage extremely large data sets.
* Proficient in writing **SQL queries, PL/SQL** stored procedures, **Triggers**, and creating business tables.
* Excellent working experience in web-based **GUIs** development using **Spring MVC,** **Servlets, JSP, JSF, HTML.**
* Experienced in developing **UI** screens using **AngularJS, JavaScript, jQuery, Ajax, HTML5, and CSS3.**
* Outstanding knowledge of developing applications using software design patterns and principles.
* Strong oral and written communication, initiation, interpersonal, learning, and organizing skills matched with the ability to manage time and people effectively.

**TECHNICAL SKILL:**

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| --- | --- |
| **Languages** | C, C++, Java, J2EE, Python, SQL, and PL/SQL |
| **Mark-up/XML Technologies** | HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, Angular JS, NodeJS, Java 8, NextJS, XML, XSD, XSL/XSLT, SAX/DOM, DOJO and JSON. |
| **Tools & Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, JSF,D3 JS, JUnit, Apache CXF, SOAP UI, GWT, Jersey. |
| **Build Automation** | ANT, MAVEN, Jenkins, Bamboo, Gradle. |
| **Web services** | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, VueJs, JAX-WS, JAX-B, Microservices, Apache Axis, and Apache CFX. |
| **Cloud Technologies** | Amazon Web Services (ECS, EC2, SQS, RDS, IAM, S3), Fargate, Pivotal Cloud Foundry, and Spring Cloud. |
| **Web/App Servers** | Web Sphere, Apache, Apache Tomcat, JBOSS EAP, Web Logic Server, and Apache Camel |
| **Databases** | Oracle, SQL-Server 2005, Redis, MySQL server, MS SQL, PostgreSQL, IBM DB2, NoSQL DB like MongoDB and Cassandra. |
| **IDE tools** | Eclipse, Net Beans, Spring Tool Suite (STS) and IntelliJ IDEA, RAD, Adobe Dreamweaver. |
| **Modeling/ CASE Tools** | Rational Rose and MS Visio Professional. |
| **Testing Tools/ Others** | Selenium, TestNG, JUnit, TOAD, Soap UI, Putty, Rational Clear Quest, RTC, Load UI, and Mockito, Tableau. |
| **Version Control** | Tortoise SVN, CVS, Rational Clear case, Source Tree, and Git. |
| **OS & Environment** | Windows Vista/XP/2000/NT, Win 2k Server, Sun Solaris, UNIX |
| **Design Patterns** | Singleton, Factory, Prototype, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller, and DAO pattern. |

**EDUCATIONAL DETAILS**:

Master’s in Engineering Technology - Kent State University - 2017

Bachelor’s in Mechanical engineering - GITAM University - 2015

**PROFESSIONAL EXPERIENCE**:

**FreddieMac/Hexaware,** McLean, VA

Oct 2022 – Present

**Sr. Full Stack Java Developer**

**Responsibilities:**

* + Design and Development of applications using **J2EE** framework, **Spring Boot, RESTful** services and **Angular.**
	+ Development, design, analysis, testing, and Integration of various web-based and client/server applications in multi-platform environments with **JAVA/J2EE** technologies.
* Configure and run gulp tasks in **NodeJS** runtime and handle **injection**, **CSS** pre-processing, minifying, test-running, and building-sync.
* Developed REST APIs using Scala, Play framework and Akka.
* Used **NextJS** to refactor react-router library to turn application into Single Page Application and to reduce bundle size.
* Building microservice using Spring Framework with cloud-based architectures and deploying in EC2 Fargate
* Created functions and assigned roles in **AWS Lambda** to run **python scripts**, and **AWS Lambda** using **java** to perform event driven processing.
* **AWS Lambda** was used to create data transfer programmers (ETL Process) from **DynamoDB** to AWS **Redshift** by building **Python** functions for certain events depending on use cases.
	+ Experience in developing **Single Page Applications (SPA)** using **JavaScript MVC frameworks** such as **Angular JS, React JS, NextJS, Node JS, GraphQL, Typescript and custom MVC frameworks.**
	+ Managed **Amazon Web Services like ECS, EC2, S3 bucket, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, Dynamo DB, Elastic search, Virtual Private Cloud (VPC)** through **AWS Console** and **API** Integration.
* Maintained **ES6** standards for my **typescript** code.
* Used **Jenkins** pipelines to drive all microservices builds out to the Docker registry and then deployed to **Kubernetes**, created Pods, and managed using **Kubernetes.**
* For **Docker** image building and deployment, we are using Jenkins and Ansible to achieve continuous integration and continuous delivery.
* Install, configure, test, monitor, upgrade, and tune new and existing **PostgreSQL** databases.
* Created charts components using **D3** and High charts library.
* Used **Typescript** to write the **Angular** Components, Modules, Services, and Models.
	+ Implemented a Continuous Delivery pipeline with **Docker, Jenkins, Bamboo, GitHub**, and **AWS AMI.**
* Manipulated data using **CRUD** operations of **MongoDB** database management system and handled database access using **NodeJS.**
	+ Working with **IDE** like **Eclipse, Spring Tool Suite (STS)** and **IntelliJ IDEA**
	+ Working in developing **REST** and **SOAP-based** Web Services using **JAX-RS, JAX-WS, WSDL, JAX-B, Apache Axis, Apache CXF,** and **Jersey** **frameworks.**
* Built **Lambda** functions to save data snapshots into **AWS S3 buckets using NodeJS.**
* Integration of user-facing elements developed by **front-end** developers with server-side logic by using,

**NodeJS Express.**

Worked on AWS services like EC2 instances, S3 bucket, Clodwatch, Fargate and so on.

**Develop ETL Process usingSPARK, SCALA, HIVE and HBASE.**

* + Working with Database like **MongoDB, Cassandra** to manage extremely large data sets.
	+ Built data visualizations to monitor file server load, web server speeds, data processing and more using **D3.js, Backbone, jQuery.**
	+ working in web-based **GUIs** development using **Spring MVC, Servlets, JSP, JSF, HTML**
	+ Designing and Implementing cloud-based solutions using **AWS**
	+ Working on **Microservice** using **J2EE** and **Web Services (Java, XML, jQuery JavaScript, HTML, OOA and OOD Concepts).**
	+ Configured **AWS Cloud Watch** to monitor **AWS** resources and applications.
* Developed numbers of **Typescripts** objects including Components, **Ng Modules, Providers, Services,** Interfaces, and classes utilizing arrow function and optional types.
* Experience in working with NoSQL databases like **DynamoDB, MongoDB, Redis, HBase and SQL databases such MongoDB, MySQL.**
* Leveraged cutting edge technology like **Kotlin**. Android **JetPack**, **Retrofit, Navigation, ViewModel**, Room, Actions.
* Proficient container systems like **Docker** and container orchestration like **EC2 Container Service, Kubernetes**.
* Database knowledge, including SQL Server, MySQL, DB2, **PostgreSQL**, and SQLite.
	+ Experience in building isomorphic applications using **React.js** and **Redux** with **GraphQL** on server side.
	+ Development and support skills in middleware technologies **(Spring Boot, WebLogic, Apache, Tomcat, JBoss etc.).**
	+ Experience with **JavaScript** frameworks like **Angular 2, TypeScript, Backbone JS, NodeJS and Ember JS.**
	+ Using **DevOp**s tool chain **(Jenkins, Artifactory, Ansible/Chef/Puppet/Spinnaker, Maven/Gradle, Groovy DSL, Atlassian Tool suite)**
	+ Developing web applications using **Spring MVC,** **Struts framework** implementing **Action Controllers, Action Forms, Spring Validation Framework,** and **Spring Tag Libraries**
	+ Developing applications with **Spring** using **Spring MVC, Boot, Security, spring Eureka, Spring Hystrix, spring Ribbon, Spring Microservices, Spring REST.**
* Use event-driven and scheduled **AWS** **Lambda** functions to trigger various **AWS Resources.**
	+ Implementation of application layer security for **RESTful APIs** using **Spring Security**
	+ Familiarity with **API** Management **(Apigee)** and **Service Mesh (Istio)**
	+ Developed web applications running on **NodeJS** using the Express framework, VueJs and Backbone.js with Mustache.js for front end MVC/templating. Using **Node.js** as a little pat for building **Restful** web services in my current project.
	+ Good knowledge of database concepts and integration with business application development
	+ Working with **scripting** languages using **Unix, Python** and new technologies and tools.
* Implemented modules into **NodeJS** to integrate with designs and requirements.
* Experience writing apps from scratch in **Kotlin**.
	+ Working independently and analysing and understanding requirements and design for the build and deployment of enterprise applications contributing to the success of assigned project(s).
	+ Developed **React.JS** applications using **Redux** architecture for **front-end UI**, and **Node.js** applications for **backend.**
	+ Participating in discussions with project teams to understand the application design, build process and help deploy applications in target environments.

**Environment:** Java 11, J2EE, JavaScript, AJAX, Angular JS, Spring MVC, Scala, Spring Boot, Spring Security, Spring Data, JSP, Hibernate, HTML5, CSS3, Servlet, JDBC, React JS, Restful, OAuth2, Java 8, Jasmine, JAX-RS, Jersey, XML, AWS, Microservices, MQ, (Apache Camel), SOA, Oracle, Next JS, Struts, EJB, Node JS, Jenkins,D3 JS, MongoDB, Nodejs, Eclipse 1.8, Kotlin, WebSphere, Tortoise SVN, GIT, JUnit, Maven, Redis, JIRA, Karma, Bitbucket, Agile/Scrum Methodology.

**Flagstar Bank,** Troy, MI

Aug 2019 – Sept 2022

**Sr. Full Stack Java Developer**

**Responsibilities:**

* + Involved in various phases of **Software Development Life Cycle (SDLC)** such as requirements gathering, **modelling, analysis, design, development, and testing.**
	+ Experience in working on a financial-based system project.
	+ Upgraded existing User Interface with **HTML5, CSS3, jQuery, and Bootstrap.**
	+ Designed, and developed a custom, single-page, responsive web application on the **front-end** using AngularJS.
* Deploying application in AWS cloud using services like EC2, DynamoDB, Aurora, ELB, and VPC.
* Automated applications and MySQL container deployment in **Docker** using **Python** and monitor them using Nagios.
* Have knowledge on the deployment of application using docker and aws fargates.
* Involved in converting Hive/SQL queries into Spark transformations using Spark RDD, Scala and Python
	+ Studied and stayed current on features and functionality of **PostgreSQL.**
* Writing **Java API** for **Amazon Lambda** to manage some of the **AWS services.**
* Developed various **Typescripts (ES6)** objects, including Components, **Ng Modules, Providers,** Services, and classes using arrow functions and optional types.
	+ Experience with container-based deployments using **Docker**, working with **Docker images, Docker-registries,** and **Kubernetes (OpenShift).**
* Created **RESTFUL** services along with strong Object-Oriented **NodeJS** design works.
* Used **D3.js** charting library to develop reusable charting Backbone module.
	+ Implemented a Continuous Delivery pipeline with **Docker, Jenkins and GitHub and AWS AMI’s**
	+ Developed forms for user event handling and validations using **JavaScript** and **AJAX.**
	+ Experience in implementing Auto Complete functionality using **Ajax, jQuery, Web Service call, and JSON.**
	+ Developed **UI** using **JavaScript, JSP**, and third-party libraries to simplify the complexities of an application.
	+ Proficiency in the adoption of architecture paradigms like **SOA, Web services**, and Middleware technologies.
	+ Worked on **Cassandra** database concepts such as locking, **transactions, indexes**, and replication.
	+ Involved in installing and configuring **Maven** for building applications and deployment purposes.
	+ Worked on **Log4J** to validate functionalities and **JUnit** for unit testing.
* Implemented an express-**GraphQL** library to mount a **GraphQL** API server on the user-configured HTTP endpoint.
* Assisted other developers in following best practices for **Docker.**
	+ Used **JIRA** to assign, track, report, and audit the issues in the application.
* Developed a **MEAN Stack** Application Using **Mongo DB, Express JS, Angular JS** and **NodeJS.**
	+ Implemented the application using **Spring Boot Framework** and handled the security using spring security.
* Worked on the modernization of a legacy and outsourced UI. Technologies used were **React** **js** and **jQuery**
	+ Performed performance optimizations on **Spring Boot frameworks**.
* Developed multiple **Angular 11.0** components that are compatible with the latest versions of **typescript,** **angular CLI.**
	+ Used a microservice architecture, with **Spring-**based services interacting through a combination of **REST** and **MQ** or **Apache Kafka** message brokers and leveraging **AWS** to build, test and deploy Identity **microservices.**
	+ Worked with **core java** concepts like Collection Framework, Multithreading, and Memory management. **Lambda AWS** functions.
* Experience writing apps from scratch in **Kotlin** with Android studio.
	+ Developed the web pages using **HTML, XHTML, DOM, CSS, JSON, JavaScript, React Js, NextJS, jQuery, Ajax**
* Used **NodeJS** to develop I/O intensive web applications like video streaming sites, single page applications and other web applications.
* **Implemented design patterns in Scala for the application.**
* Build Web Apps with **React JS** and **Flux**. Structured the **JavaScript code.**
	+ Consumed messages in the form of **JSON** and persisted them with **SQL Server**
	+ Developed components of web services **(JAXRS)** end to end, using different **JAX-WS, JAXM** standards with a clear understanding of **WSDL** (type, message, port Type, bindings, and service).
	+ Created **Buckets** in **AWS** and stored files.
	+ Integrated various **jQuery** plugins like token-input, moment, validator, dropdown, carousel, **d3.js** etc. into various **Backbone** modules.
* Effectively worked on **Angular 1.0** to use the enhanced features of **typescript, Angular Routers,** and **Angular** Components.
	+ Implemented **Kotlin** with Android content providers for implementing features like sending E-mails, SMS, etc., from the app and designed suitable **GUI** for these.
	+ Implemented and maintained the monitoring and alerting of production and corporate servers/storage using **AWS Cloud Watch.**
	+ Used **Jenkins** for continuous integration, **GIT** for **SCM**, and artifact deployments in the **QA** environments.

**Environment:** Java 8, J2EE, Html, Maven, JavaScript ES6, Angular 4, Scala, NodeJS, Spring MVC, Post Man, REST web services, SOA, Microservices, React JS,D3 JS, GitLab, JBoss, Kotlin, Node JS, Karma, Jasmine, Spring Tool Suite, MQ, (Apache Camel), SOAP UI and TOAD, Jenkins, SCRUM-Agile, Jira, Kafka.

**Gain Well Technologies,** El Paso, TX

Jun 2017 – July 2019

**Full Stack Java Developer**

**Responsibilities:**

* + Built **Java Web applications** with technology stack including **Java, JavaScript, HTML5, CSS3, Spring Framework** like **spring boot, Unix, SQL, Hibernate,** and **Restful web services.**
	+ Developed reusable and interoperable **Web service** modules based on **SOA architecture** using **SOAP** and **RESTFUL.**
* Advanced **Java 8** features such as **Lambda** expressions were used for array operations and collections. Concurrency methods and other features have been improved throughout the application to allow for well-defined programming.
* Implemented a recursive algorithm to parse large **GraphQL** introspection queries into a dotfile format in order to visualize the one-to-many relations between schemas in a SVG format
* Installing and monitoring PostgreSQL database using the standard monitoring tools like Nagios etc
	+ Implemented the project as a multi-tier application using **Spring MVC, Spring Boot, and Microservices**& used **core Spring** concepts like **AOP** and **IOC.**
	+ Worked on **Cucumber Automation** framework to automate test cases and integrate it to **Jenkins.**
	+ Worked on **Kubernetes Spring Cloud** and **IBM Cloud, Cloud Foundry.**
	+ Designed and developed an application using **Spring Framework-IOC/DI, Spring MVC, Servlets, POJO, and EJB integrating** with **Hibernate framework.**
	+ Designed dynamic web pages using custom **React JS, Typescripts and CSS.**
	+ Primarily focused on the **spring** components such as **Spring boot, Dispatcher Servlets, Controllers, Model** and **View Objects,** and **View Resolver.**
	+ Worked on JavaScript frameworks (**React JS, Node JS**) to augment browser-based applications with **MVC** capability.
	+ Imported data from various resources to the **Cassandra cluster** using **Java APIs.**
	+ Supporting Production issues and follow-up with users and replicating it in stage, analysing and fixing it.
	+ Hands-on experience in design and development of **Web services, JAX-RPC, JAX-WS, RMI, JTA, JMS and XML, XSD, XSLT, X-Path.**
* Working experience on **React.js** and **NodeJS** to support the underlying data changes in a rapid way.
	+ Launched **Kubernetes** to provide a platform for automating deployment, **scaling,** and operations of application containers across **clusters** of **hosts.**
	+ Asynchronous messaging is done using **JMS** and created Queue for point-to-point messaging.
	+ Involved in creating **IAM** user accounts, and groups, adding users to the groups, and generating custom policies.
	+ Integrated **REST API** with **Spring** for consuming resources using **Spring Rest Templates** and developed **RESTful web services** interface to **Java-based** runtime engine.
	+ Implemented functionality like searching, filtering, sorting, and validating using **AngularJS** and **JavaScript.**
	+ Used **JavaScript, Angular2**, and **AJAX** technologies for **front-end** user input validations and **RESTful web service calls**.
	+ Worked on the web page enhancements using **HTML, CSS, NodeJS, JavaScript, Servlets,** and **JavaBeans**.
	+ Development of test framework using **Python.**
	+ Develop the **UI** component architecture for the developer framework using **Angular 4, Typescript, HTML5, CSS3**, and **Bootstrap.**
	+ Extensively worked on **Jenkins** to configure and maintain continuous integration **(CI)** and End-to-End automation for all builds and deployments.
	+ Experience in branching, tagging, and maintaining the version control and source code management tools like **GIT** and **Bit Bucket** on **Linux** and **Windows platforms.**
	+ Worked closely with application teams and support various performance and configuration issues on daily basis.

**Environment:** Core Java, Kubernetes Spring Cloud, Scala, Angular, Microservices, Spring MVC, JSP, JavaScript, CSS, Jenkins tool, Servlets2.0, HTML, JDBC, JMS, EJB, SOAP, Oracle 10g, WSDL, Gradle, Web Services, Restful, Eclipse Helios, Agile development process, PL/SQL, React JS, Nodejs, JUnit, Soap UI, Maven 3. x, Gradle, SQL Developer and Log4j, PCF.

**Wells Fargo,** Raleigh, NC

Feb 2016 – May 2017

**Java Developer**

**Responsibilities:**

* + Involved in **SDLC** Requirements gathering, analysis, design, development, and testing of the application, developed using **AGILE/Scrum**¬¬ methodology.
	+ Used **Spring MVC** Design Pattern to hold the **UI** data and serve the request and send the response.
	+ Connected to **Data sources** and performed operations using **Spring Data Framework** features like **Spring JDBC** and **Spring ORM.**
	+ Designed and developed **Microservices** business components using **Spring Boot.**
	+ Implemented **RESTful Web services** in **Service Oriented Architecture (SOA)** to retrieve data from the client-side and made **REST API** calls from **Angular JS** and parsed the data to the client and handled the security and Authorization using **Spring Security** and **OAuth2** authentication protocol respectively.
	+ Good understanding of **AWS Elastic Block Storage (EBS)**, various volume types, and utilization of different types of **EBS** volumes based on the requirement.
	+ Troubleshoot **AWS EC2** Status check including System Status checks and **Instance** Status check alerts.
	+ Experienced first-hand the best/worst practices for integrating **Microservices** into the existing system architecture.
	+ Consumed **REST-based Microservices** with **Rest template based on RESTful APIs.**
	+ Integrated **Spring DAO** for data access using **Hibernate** to fetch data from the database and avoid redundant database access statements.
	+ To lookup queues, used **Spring JMS** module and **MDBs** for listeners.
	+ Created Stored Procedures, Functions, views, indexes, constraints, triggers that required **SQL tuning** to reduce the response time in the application.
	+ Built **NoSQL schemas** and maintained sessions by **MongoDB.**
	+ To get **AJAX** functionality for the website wrote **JavaScript** and **jQuery** programming.
	+ Using **HTML, AngularJS, jQuery,** and **JavaScript** created **GUI** interface of the web page.
	+ Created **AngularJS** controllers, and services and used Angular filters for filter functionality in the search box and integrator functionalities.
	+ To identify user login information written **UNIX shell scripts**.
	+ Developed and executed **unit test cases** using **JUnit.**
	+ Packaged and deployed the application in **IBM WebSphere**.
	+ Used **Maven** building tool for creating **EAR** file deployed in application servers and used for dependency management of code in the application.
	+ Resolved bugs/defects in the application by coordinating with project team members to assure a positive outcome.
	+ For application logging and notification, tracing mechanisms used **Log4J.**
	+ To keep track of issues and tasks on individuals used the **JIRA** ticketing system.
	+ As a version, the control tool used Tortoise **SVN.**
	+ Used **Eclipse** integrated **IDE** to build the application.

**Environment:** Java, HTML5, CSS3, JavaScript, AJAX, Angular JS, Spring MVC, Spring Boot, Spring Security, Spring Data, JSP, Hibernate, Servlet, JDBC, Restful, React JS, OAuth2, JAX-RS, Jersey, XML, AWS, Microservices, Oracle, MongoDB, Eclipse 1.8, WebSphere, Tortoise SVN, GIT, JUnit, Maven, JIRA, Agile/Scrum Methodology.

**Inno Box, India Jan 2015 - Oct 2015**

**Jr Java Developer**

**Responsibilities:**

* + Responsible for designing and developing Purchase Order **Web Service** and **presentation layer.**
	+ Designed and developed Enterprise Eligibility business objects and domain objects with Object Relational Mapping framework **(Hibernate).**
	+ Developed Presentation layer components comprising **JSP, AJAX, CSS,** and **jQuery.**
	+ Implemented Asynchronous Functionality using **jQuery Ajax.**
	+ Designed and Implemented **Spring Framework**-based **Restful service** for handling **AJAX requests**.
	+ Involved in writing database coding, complicated **functions, Triggers, Types, Views**, and **Packages.**
	+ Developed **DAO API** to manage the payment information using **Hibernate ORM**.
	+ Used **Log4j** framework for logging messages with various levels written throughout the **java code.**
	+ Used **Web Services** for creating rate summary and used **WSDL** and **SOAP** messages for getting insurance plans from the different modules and used **XML** parsers for data retrieval.
	+ Used **Eclipse-**based **STS IDE** for designing, coding, and developing applications.
	+ Developed test cases and performed unit testing using **JUnit.**
	+ Documented designs on confluence using class diagrams, sequence diagrams, and high-level activity diagrams using **UML** from the requirements.
	+ Used **Maven script** for building and deploying the application.

**Environment:** Spring Framework, Hibernate ORM, jQuery, CSS, AJAX, Html5, SQL, JDBC, SOAP Web Services, Restful services, Eclipse (STS), Web Logic, SVN, JUnit, JIRA, Maven.