

As a Software developer I have experience in Design, Development and Architecting activities including Requirement Analysis, Implementation, Packaging and Deployment, developing Web based and distributed J2EE Enterprise Applications and expertise in implementing Object Oriented Programming OOPS with Java, J2EE. I have developed products for internal and commercial products and excellent experience in gathering requirements, determining business logic and complete system design.

### Professional Summary

- **Full Stack Developer** with overall **7+ years** of experience in design, development and testing of Web applications based on **Java/J2EE**.
- Involved in all phases of **SDLC** from analysis, design, development, testing and maintenance.
- Experience in developing web applications using various modules of spring including **spring CORE, IOC, MVC, Spring Security, Spring batch etc.**
- Worked on developing cloud native applications using **Spring boot and Spring micro-Services**.
- Experience in **Object Relational Mapping (ORM)** using **Hibernate** and **Java Persistence API Standard (JPA)** for database Connection Pooling, Mappings and Transaction Management.
- Experience in developing **web pages** using **HTML5, CSS3, Bootstrap, JavaScript, ES6, jQuery, Ajax** and **AngularJS** with webpage cross browser compatibility and **responsive web design** and have knowledge on Server scripting language like **Node JS**.
- Expertise in developing UI based GUIs using **Java Applets, HTML5, DHTML, JavaScript, Typescript, AngularJS, Angular 8/11, XML, DOJO, AJAX, JSF, JSP & spring form tags**.
- Expertise in implementing **Web services and JMS** for synchronous and asynchronous communications among the applications running on different servers.
- Hands on experience in developing Single Page Applications (SPA) using **AngularJS**.
- Experience in **Docker** for containerization of the applications.
- Exposure to new features and issues addressed in **Angular 4/6/7/8**.
- Utilizing Kotlin concise syntax and features to improve code readability and maintainability.
- Utilizing Kotlin Multiplatform to share code between different platforms, such as web applications.
- Experience in using various extensible Markup Languages (**XML**) technologies like **XPath, XQuery, XSLT, XSD, SAX, DOM, and JAXB**.
- Experience in using the JavaScript frameworks **JQUERY, Angular.js, Backbone.js, React.JS, Node.js** and Twitter **Bootstrap**.
- Expertise in modern web architecture using various advanced JavaScript frameworks and libraries like **Angular.js, Node.js, React.js/Redux, React Native, Bootstrap**.
- Experience in **AWS** Core Services (**VPC, CloudFront, Route53, API Gateway**), Compute Service (**EC2, ECS, ECR, Lambda**), Storage Service (**S3, EFS, S3 Glacier**), Deployment Services (**Elastic Beanstalk and Cloud Formation**), Database Services (**RDS, Redis, Elastic Cache, DynamoDB**).
- Great experience of working with authorization and authentication of web services using **OAuth 2.0, SAML** and **JWT (JSON web tokens** to securely transmit information between parties as a JSON object).
- Experience in data aggregation and search using **Elastic Search**.
- Experience in Designing & Data Modelling, Bulk Document Indexing & Search API's in **Elastic Search**.

- Experience on different **IDEs** such as **Eclipse, RAD, Spring Tool Suite, IntelliJ** and deployment using Web/Application Servers like **Apache Tomcat, BEA WebLogic, Web Sphere** and **JBOSS**.
- Experience on Migrating SQL database to Azure data Lake, Azure data lake Analytics, Azure SQL Database, Data Bricks and Azure SQL Data warehouse and Controlling and granting database access and Migrating On premise databases to Azure Data lake store using Azure Data factory.
- Experience in Kubernetes to deploy scale, load balance and manage **Docker** containers with multiple name spaced versions and good understanding of Open Shift Platform in managing Docker Containers and Kubernetes Clusters.
- Assessing project requirements and designing an appropriate data storage strategy using Redis.
- Setting up Redis databases and managing data population, ensuring data integrity and consistency.
- Developed code with Java SDK to connect with AWS Services. Worked with S3 for storing and retrieving data stored in the S3 bucket's, AWS SQS for bulk email processing, Data backup and archiving on AWS using S3 and Glacier and Dynamo DB to store the data for metrics and backend reports.
- Design and implement database solutions in Azure SQL Data Warehouse, Azure SQL.
- Configuring **Postgresql** Streaming Replication and Pgpool for load balancing. Managing the monitoring tools for better performance like PgBadger, Kibana, Graphana, and Nagios.
- Experience in upgrading and migrating various versions of **PostgreSQL** database on different platforms. Responsible for all backup, recovery, and upgrading of all of the **PostgreSQL** databases. ETL and data warehouse design experience, especially with Greenplum.
- Proficient with all major PostgreSQL procedural languages (**PL/PgSQL, PL/Perl, PL/PgPython, PL/Tcl**) as well as some Oracle PL/SQL and SQL - Server T-SQL.
- Hands on experience with unit testing using **JUnit and Mockito** and performed load testing using **JMeter** for microservices hosted on **PCF** and **Kubernetes cluster**.
- Experienced with Integration Platform as a Service (PaaS) type integration as well as ETL tools including **Jitterbit**, Oracle ICS, Dell Boomi, **Informatica Cloud Connector**, MuleSoft, Damp.
- implemented Team Foundation Server (TFS), Subversion, Git and GitHub as Version Control tools. Have a good knowledge on BitBucket.
- Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, Automation. It includes **Amazon Web Services (AWS), Ant, Maven, Jenkins, Nagios, Docker, Puppet, Chef, SVN, Github, Linux** etc.
- Utilized Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS, DB services, **DynamoDB** tables and EBS volumes. Experience in both **Waterfall** and **Agile** Methodologies (like **Test Driven Development (TDD)**).
- Experience in **Active MQ** and **KAFKA** for exchanging messages asynchronously.
- **Experience in using Jitterbit, Informatica, and MuleSoft.**
- Experience in Test driven development (TDD) using unit testing frameworks such as **Jasmine, Karma, Junit, Mockito.**
- Full Stack Modern Progressive Web Apps - ReactJS, Redux, GraphQL.
- Independently integrate multiple APIs and new features using React + GraphQL stack.
- Developed mock data generation feature that is integrated with GraphQL IDE interface to allow users to send queries against their custom generated schema and render mock results in order to familiarize users to the GraphQL syntax.
- Excellent written and verbal communication skills, Analytical, Problem-Solving skills

- Ability to work as an Individual Contributor as well as leading a team towards delivering the projects successfully.

## Technical Skills

<b>Java/J2EE Technologies</b>	Servlets,JSP,JSTL,JDBC,JNDI,JSF,JPA,RMI,Kafka,JMS,MicroServices,EJB,Java Beans,Log4j
<b>Programming Languages</b>	Java, C, SQL, PL/SQL, C++, Java Script
<b>Application/Web Servers:</b>	Apache Tomcat, Oracle WebLogic, WebSphere, JBOSS, IBM Web Sphere
<b>Frameworks</b>	Spring MVC, IOC, AOP, JDBC, IO, Spring Boot, Spring Web Flow, Spring Security, Spring Data, Spring Batch, Spring Integration
<b>IDEs</b>	Eclipse, IntelliJ, NetBeans, Spring Tool Suite (STS)
<b>Cloud Technologies</b>	AWS, Microsoft Azure
<b>Design patterns</b>	MVC, Front Controller, Session Façade, Singleton, and DAO patterns
<b>Web technologies</b>	HTML, CSS/CSS3, JavaScript, Ajax, jQuery, AngularJS, Angular8, Bootstrap, React.
<b>Web Services</b>	REST (JAX-RS), SOAP(JAX-WS)
<b>AWS Components</b>	MVC, Front Controller, Session Façade, Singleton, and DAO patterns
<b>Methodologies</b>	Agile, Scrum, JIRA, SDLC, Waterfall, OOAD
<b>Database Servers</b>	MySQL , Oracle, MongoDB, Sybase
<b>Version Control</b>	Git, Gitlab, BitBucket
<b>Build Tools</b>	Maven, Gradle, ANT, Jenkins
<b>Testing</b>	Junit, TestNG, Mockito
<b>Container Technologies</b>	Docker, Kubernetes, OpenShift

## Professional Experience:

*Tiffany & Co, New York*

*March 2022 – Present*

*Java Full Stack Developer*

### Responsibilities:

- Involved in various phases of **Software Development Life Cycle (SDLC)** as requirement gathering, analysis, design documentation, development, deployment and production support of the application.
- Extensively used **Java 8** features like **lambda expressions** for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
- Applied **Spring MVC** for writing Spring Controllers and used core concepts like Collections, Multithreading (Concurrency), Exception Handling for performing changes in Business Layer, Service layer, Persistence Layer and Data Access Layer.

- Designed and developed the **REST** based Micro services using the **Spring Boot, Spring Data** with **JPA** (Java Persistence API) and containerized using **Docker**.
- Developing microservices using spring boot and spring microservices concepts.
- Working on spring boot and spring micro services development using zuul gateway, Ribbon load balancer, Eureka registry, Hystrix circuit breaker etc.
- Integrating and implementing cloud technologies using Java, J2EE, Spring Boot, Angular JS, Typescript, JavaScript framework and executing tasks such as coding, development, validation.
- Utilized core **Angular 8** features such as HTTP, Data Binding, Services and Dependency Injection.
- Used **Eclipse/STS IDE** to develop the different **J2EE** components.
- Successfully migrated the Django database from SQLite to MySQL.
- Experience in developing Web-Applications implementing Model Template View architecture using Developed dynamic and responsive Web pages from scratch using **HTML5, CSS3** (using **SASS**) and **JavaScript, ES6**.
- Implemented nested views and routing using **Angular UI Router** as per the requirement. GUI was developed using **JSP, HTML**, and **AngularJS** and created reusable components in **Angular8/11** using Custom Directives Filters, Services, and Partial.
- Used **Java Messaging Services (JMS)** for reliable and asynchronous exchange of important information such as payment status report.
- Worked on end to end setup of the Artifactory pro as a **Docker** container with a secure private Docker registry and local **Docker** repositories for storing the built Docker images.
- Used **JSF framework** for the application and utilized JSF validation framework for front end validations.
- Built **Docker Images** and used Docker Trusted Repository and Open shift console to maintain Docker Images.
- Worked heavily on **AWS** cloud resources to better achieve a lower cost and higher performance/uptime.
- Used **Log4J** to log the messages in the application.
- Experience in Kubernetes to deploy scale, load balance and manage **Docker** containers with multiple name spaced versions and good understanding of Open Shift Platform in managing **Docker** Containers and Kubernetes Clusters
- Implemented **JUnit** test cases to unit test the code.
- Used **Jenkins** to build the pipeline to provide continuous integration service.
- Utilizing Kotlin's support for functional programming techniques to write more concise and expressive code.
- Developed **REST services** using Spring and used JAXB API for XML parsing.
- Identifying performance bottlenecks and memory issues in Kotlin code.
- Design and implement disaster recovery for the PostgreSQL Database.
- Worked with **Mongo DB** to store non-relational data as a collection and retrieve them whenever required.
- Wrote **SQL queries** and stored procedures to interact with the DB.
- Used **agile** methodology for the software development.
- Developed the user authentication and authorization by using Spring Security OAuth2.0 and JSON Web Token (JWT).
- Integration of user-facing elements developed by front-end developers with server-side logic in Node JS.
- Creating custom, general use modules and components which extend the elements and modules of core **Node JS**.
- Extract Transform and Load data from Sources Systems to Azure Data Storage services using a combination of Azure Data Factory, T-SQL, Spark SQL and U-SQL Azure Data Lake Analytics. Data Ingestion to one or more

Azure Services - (Azure Data Lake, Azure Storage, Azure SQL, Azure DW) and processing the data in In Azure Databricks.

- Design & implement migration strategies for traditional systems on Azure (Lift and shift/Azure Migrate, other third-party tools).
- Integrating Redis with backend applications using appropriate client libraries (e.g., Jedis, Lettuce).
- Collaborating with other teams to ensure smooth integration of Redis into the application stack.
- Implemented an express-graphql library to mount a **GraphQL** API server on the user-configured HTTP endpoint.
- 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
- Administered and supported GitHub Enterprise version control tool.
- The REST api includes Solr create, update, delete access to Solr 4/5 server
- Performed thorough unit testing and resolved several data related issues before migration to production.

**Environment:** Java 8, spring, Spring Boot, Hibernate, MVC, Micro Services, HTML5, CSS3, JavaScript, AngularJS, Angular 8, Node JS, AWS Services, AWS DynamoDB, Bootstrap, Azure, AJAX, JSON, DOM, Docker, Jenkins, JMS, JSF, XML, DAO, Log4j, JUnit, SQL, PL/SQL, MYSQL, Redis, Postgresql, GraphQL, OAuth 2.0, Agile, Kotlin, TDD, and Windows.

*UPS ,Louisville , KY*

*Aug 2021 – Feb 2022*

**JAVA/J2EE DEVELOPER**

**Responsibilities:**

- Involved in requirement gathering, Analysis, Design, Development, documentation, UAT and Production phases of the application.
- Utilized **Java 8** features like Lambda expressions for collection evaluation and comparing the data, Stream API for Bulk data operations on Collections which would increase the performance of the Application, Parallel operations on collections for effective sorting mechanisms and to change the sequential stream flow of threads while session establishment.
- Used **Spring MVC** to handle/intercept the user requests and used various controllers to delegate the request flow to the back-end tier of the application.
- Used **Spring Framework** for **dependency injection** for **handler classes** using **Application Context XML file**.
- Used **Spring Boot** which is radically faster in building **Micro Services** and develop spring-based application with very less configuration.  
Developed the presentation layer with **Spring MVC** using **JavaScript**.
- Used **Spring Boot** to dynamically wire up beans and settings and applies them to the application context at startup of the application.
- Used Dependency Injection feature of build and release **Spring Boot** framework and O/R mapping tool **Hibernate** for rapid development and ease of maintenance.
- Implemented DAO layer using different **hibernate** techniques like strategies, Inheritance, annotations and criteria interfaces.
- Designed and developed front view components using **HTML5 and CSS3**. Developed Interactive web pages using **AJAX and JavaScript**.
- Worked with **ES5/ES6** features - closures, hoisting, prototypes, block scoping, rest, spread, restructuring, classes, promises, iterators, generators, async, await, maps and sets
- Worked in using **React.JS** components, **Forms, Events, Keys, Router, Animations and Flux** concept.

- Developed drag and drop document editing using **React.js and React.js** motion.
- Reduced the response time by creating Virtual **DOM** components using **React.JS**.
- Integrated **Redux** Framework with **React** to handle large chunks of data for the better performance.
- worked with Application using **React.JS and Node.JS** libraries **NPM**, gulp directions to generate desired view and flux to root the **URL's** properly.
- Worked on **JMS** for developing messaging services and implemented message listeners for message processing and delivery.
- Involved in setting up **AWS (Amazon Web Services)** services with **EC2** instances, **S3 bucket**, IAM took part in deploying application in **AWS** along with writing and retrieving files to and from **AWS S3 bucket** for **UI** to render data faster.
- Involved in developing applications with **Stateless Session EJB's and Message Driven EJB's**.
- Used **Log4j** for tracking errors and debugging the code and Resolved bugs and Change Requests to already existing code.
- Involved in fixing bugs and unit testing with test cases using **JUnit** framework.
- Worked on the Web Services clients and **WSDL** generation. Integrated the clients with third party services in the other module of the application using **Restful Services JAX-RS**.
- Worked on **DynamoDB** database concepts such as **locking, transactions, indexes, replication, schema design, etc.**
- Created and worked with various SQL and NoSQL databases such as AWS RDS Aurora DB cluster, MySQL, DynamoDB, MongoDB and connected to the database through DB Instances using the AWS Java SDK.
- Involved in writing **SQL queries, PL/SQL stored procedures, Triggers and creating business tables**.
- Implemented the project under **Agile** Project Management Environment and followed SCRUM iterative incremental model and configured various sprints to execute.
- Actively participated and provided feedback in a constructive and insightful manner during weekly Iterative review meetings to track the progress for each iterative cycle and figure out the issues.
- Used SVN for version control and JIRA for defect tracking.
- Used Jasmine/Karma, JUnit for unit testing.

**Environment:** Java 8, spring, MVC, Spring Boot, Hibernate, Micro Services, RESTful, HTML5, CSS3, JavaScript, React.JS, REDUX, Jasmine, Karma, React Native, Junit, AJAX, JMS, JSF, DAO, AWS, EJB, Log4j, JUnit, Jenkins, SOAP, MongoDB, SQL, PL/SQL, TDD, Agile and Windows.

**Fidelity Investments, Raleigh**  
**Sr.Software Developer (Java)**

**October 2019 – July 2021**

**Responsibilities:**

- Interacted with the business analysts to gather the requirements and understanding the functional design specifications for the requirements.
- Used **Spring Framework** for front end development and **spring validator framework** for front end data validation.
- Involved in writing end-to-end flow i.e. controller classes, service classes, **DAO** classes as per the **Spring MVC** design and writing business logics using core **Java API** and data structures.
- Used **Micro Services** architecture, with **Spring Boot** based services interacting through a combination of **REST and Spring Boot**.
- Used **Spring Boot** to create stand-alone spring applications.

- Implemented **Micro-services** using **Pivotal Cloud Foundry** platform build upon **Spring Boot** Services.
- Used **Hibernate** as an ORM Framework for productive application development by reducing development time, complexities and increase flexibility.
- Developed the Web Interface using **spring, HTML5, CSS3 and JavaScript**.
- Designed and developed a web application by using **Angular** as front-end and using **Web API** to receive and pass data to back end.
- Implemented generating the verification hash code using crypto package on **Node JS**.
- Designed and developed the login portal using framework **Angular** along with **HTML5, CSS3 and Type Script**.
- Used **Angular** as framework to create a **Single Page Application (SPA)** which can bind data to specific views and synchronize data with server using **Bootstrap, Angular**.
- Developed a core component of Analytics with **Node.js** and **Angular**.
- Implemented and tested the enterprise application with **JQuery** and **Spring MVC**.
- Developed **Message Driven Bean** for asynchronous sending Messages using **JMS**.
- Used **Log4j** for External Configuration Files and debugging.
- Used date-format and moment packages in **Node JS** to save the timestamp in database converting into GMT. Involved in Test Driven Development by writing unit test cases
- Focused on **Test Driven Development** there by creating detailed **JUnit** tests for every single piece of functionality before writing the functionality.
- Created **Splunk** app for Enterprise Security to identify and address emerging security threats through the use of continuous monitoring, alerting and analytics.
- Involved in **RDBMS** database design using **SQL**, to write Stored Procedures, Functions, Triggers, prepared Statements.
- Actively participated in **daily SCRUM meetings** to produce quality deliverables within time.
- Monitored team members to follow standards, guide lines and use new tools.

**Environment:** J2EE, spring, MVC, Spring Boot, Hibernate, REST, Micro Services, HTML5, CSS3, JavaScript, Angular 4/2, Angular.JS, Node.JS, JMS, JQuery, Log4j, JUnit, SQL, Splunk, Node JS Agile and Windows.

**Polaris Financial Tech LTD, Hyderabad, India**  
**Software Developer (Java)**

**August 2017 – September 2019**

**Responsibilities:**

- Involved in **software development life cycle (SDLC)**, which includes requirement-gathering, design, coding, testing.
- Developed rich Single Page Applications, **AngularJS, jQuery, AJAX, HTML/XHTML, JavaScript, CSS, and XML**.
- Worked with Bootstrap for compiling CSS, **JavaScript** and building the System with the convenient methods with **AngularJS**.
- Experience with tools like Docker Images/containers and Kubernetes.
- Developed Kafka connect configurations to write data from Kafka topics to Elastic Search.
- Used Spring Core Annotations for Dependency Injection (DI) Spring DI and Spring MVC for REST API s and Spring Boot for micro services.
- Used several Ansible modules which include scripting (bash, command), cloud modules
- Intense passion for automation and streamlining activities such as unit test automation and CI/CD.
- Used the Java API to load the data into Cassandra Clusters.

- Automated Data Integrity testing using **SQL, JDBC, and Selenium**.
- Integrate the Webservices using Apache Camel routing and **spring**.
- Worked with the **Database Schema** design and normalization for database accessed by the procedural PHP pages.
- Configuring high availability using geographical **MongoDB** replica sets across multiple data centers.
- Worked in using **React JS** components, Forms, Events, Keys, Router, Animations and Flux concept.
- Implementing Microservices to communicate with each other across applications.
- Implemented nested views and routing using **Angular UI Router** as per the requirement. GUI was developed using **JSP, HTML, and AngularJS** and created reusable components in **Angular2/4/6/7/8/9/10** using Custom Directives Filters, Services, and Partial.
- Built an Application and deployed micro services in the **AWS Cloud using Docker** containers.
- Wrote AJAX calls to populate tables, tab menu and other components with JSON data in **AngularJS**.
- Experience in cross platform development using DOJO and used Jenkins for **CI/CD**.
- Extensively used **HTML5, Angular.js, JSON, AJAX** and DOM scripting for form validations.
- Developed generic web service architecture using **Spring Webservices** and Hibernate which could transform responses into **SOAP, REST, & JSON** allowing for rapid development and clean separation of core business logic and communication protocol.
- Designed REST middleware to connect **Android UI** with existing back end layer.
- Setting up and using Micronaut framework for Internal provisioning and services project.
- Using Micronaut framework to implement Microservices.
- Developed user interface using **JSP, jQuery** and used **JavaScript** for client-side validations and used AJAX.
- Developed **Apache Camel routes** and defined JMS endpoints for message processing and routing.
- To perform reporting and template creation for **JIRA** as directed by IT manager.
- Created **REST Webservices** to send data in JSON format to different systems using spring.
- Worked on Web Logic 12c for deployed interface modules.
- Setting up and using Micronaut framework for Internal provisioning and services project.
- Deployed the application on a WebLogic server on a **UNIX platform**.
- Wrote JUnit test cases for unit testing of the developed functionality.
- Developed a logging component using Log4J to log messages and errors.

**Environment:** JDK 1.7, Core Java, J2EE, JSP, AJAX, Log4j, jQuery, Docker, RESTful Web Services, ReactJS, JSON, XML, JAX-WS, Apache CXF, Angular 4, Spring, Hibernate, JavaScript, Angular2/4, HTML/XHTML, Bootstrap, EJB, ANT, JUnit, ECLIPSE LUNA, GIT, TIBCO, Tomcat, CSS, Oracle, WebLogic 12c

**Forsys Software India Pvt Ltd, Hyderabad, India**  
**System Engineer (Java)**

**July 2016 – July 2017**

**Responsibilities:**

- Deployed the service code through **Jenkins** to Quality Control and worked to resolve the test failures.
- Implemented WEB Service Layer for exposing services to other platform independent applications using **REST**.
- Handled complex **JSON** responses, converted and binded them to the \$scope object.
- Using **node JS** to run grunt tasks and build properly the project (compile, minify, concat etc.)



- Used promises to do **AJAX** call to connect front-end and back-end.
- Implement modules into **Node JS** to integrate with designs and requirements.
- Maintained version control of code using Git.
- Deploy the applications in Application Server & Tomcat servers.
- Implemented Logging using **Apache Log4j** for the Data Extraction jobs.
- Used Hibernate as the persistence layer to interact with database.
- Integrated **Spring- Hibernate** Frameworks for **ORM** functionality in Spring Framework
- Used Spring Framework for annotation driven transaction management.
- Used Spring framework to **autowire/inject** components and configure the batch **jobs**
- Analyzing and understanding the business requirements and coordinating the team for all the enhancements and project deliveries which includes Co-ordination with various teams to procure the data to be indexed.
- Update existing equipment, performing tasks such as installing updating.
- Analyze equipment performance records to assess equipment functioning.
- Set up, tested and configured networks, desktops, laptops, and printers.
- Configured new employee workstations, including all hardware, software

**ENVIRONMENT:** Agile methodology, Hibernate, Spring framework modules, JSP, Oracle, MVC, Jira, Jenkins, JUnit, Maven, Log4J, Apache Tomcat, Spring Boot, Micro services.

### **Educational Qualifications**

**Bachelor of Technology, KL University, Guntur, Andhra, India, 2018**