

Sampath Boppudi

Java Full Stack Developer

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PROFESSIONAL SUMMARY:

- ✓ IT Professional with 8 years of experience in the **Software Development Life Cycle (SDLC)**, specializing in **web development, analysis, design, and testing** of object-oriented applications. Proficient in **Java/J2EE technologies**, with a strong track record of delivering high-quality software applications.
- ✓ Utilization of **Agile** software development methodologies, such as **Scrum, Sprint**, and traditional software methodologies like **Waterfall**, has been a significant aspect of my work experience.
- ✓ Proficient with **Java 8/11** features such as **lambda expressions, functional interfaces**, and **Stream API** to improve application performances.
- ✓ Expertise in Core **Java** Concepts like **OOPS, Garbage Collector, Collections, Multi-threading, Exception Handling, Generics, Synchronization, Serialization and De-serialization**.
- ✓ Extensive knowledge in **JAVA/J2EE** technologies such as **Java Servlets, JSP, EJB, JMS, JNDI, JDBC, Java Security APIs, JSF, JAX, JPA, RESTful Web Services, Spring Boot, Spring, Spring IOC, Spring MVC, Spring AOP, Spring ORM, Hibernate, Microservices, Struts, XSD, XSL**.
- ✓ Strong knowledge and expertise in **Hibernate**, including **Hibernate Connection Pooling, HQL (Hibernate Query Language), Collections, Hibernate Caching, and Hibernate Transactions**.
- ✓ Skilled in utilizing **Active MQ** and **JMS** to enable seamless message exchange and communication within enterprise applications. Proficient in implementing various messaging models, including **Publish-Subscribe** and **Point-to-Point**, to optimize message handling. Experienced in integrating **Active MQ** and **JMS** with **EJBs** for enhanced scalability and efficient data flow.
- ✓ Experienced in utilizing **Kafka** to enable scalable and real-time data streaming within enterprise applications. Proficient in designing and implementing **Kafka**-based architectures, ensuring efficient and reliable data processing.
- ✓ Expertise in implementing different Design patterns such as **singleton, session facade, DAO, DTO, Factory** and **Business delegate patterns**.
- ✓ Writing and triggering **SQL** queries in **PL/SQL**, as well as creating stored procedures in various RDBMS (**Oracle, MySQL, PostgreSQL, DB2, and MS SQL**). Utilized **Oracle** module in spring to connect, make database **CRUD** operations, execute oracle database package functions, and stored procedures.
- ✓ Experience in understanding and using **NoSQL** database (**Mongo DB, Cassandra, Dynamo DB**).
- ✓ Expertise in web-based GUIs using **HTML5, CSS3, Ajax, jQuery, Bootstrap, Java script, Angular** and **React JS**.
- ✓ Used **Angular** as a framework to create a **SPA (Single Page Application)** which can bind specific data to specific views and synchronize data with the server using **HTML, CSS3, Bootstrap**.
- ✓ Experience in utilizing **React JS** to develop interactive UI components, incorporating concepts such as one-way data flow, virtual DOM, JSX, react native, and leveraging features like forms, events, keys, router, animation, and Flux. Utilized **Redux** for implementing unidirectional data flow in React components.
- ✓ Worked on **Unit Testing, Integration Testing**, and creation of test cases for web applications using **Log4J, Mockito, Karma, Protractor** and used **Jasmine** for front end testing and automation framework.
- ✓ Experience in working with **JMeter** for performance testing and **LoadRunner** for load testing on **microservices**.
- ✓ Experience in Build automation tools like **ANT, Maven, and Gradle**.
- ✓ Experienced in different IDEs like **IntelliJ IDEA, Eclipse, and Net Beans**.

- ✓ Design and employ processes to support automated **Continuous Integration (CI)** and **Delivery (CD)** using **Jenkins, Concourse**.
- ✓ Experience in using version control system **Clear Case, GIT, SVN** and **defect tracking** using **JIRA**.
- ✓ Experience in creating and maintaining **Docker** containers, alongside proficient management of Docker containers using **Kubernetes**. Extensive knowledge of **Docker** components, including **Docker Engine, Hub, Machine, Compose, and Docker Registry**.
- ✓ Good knowledge on **Amazon Web Services (AWS)** like **Elastic Compute Cloud (EC2), Simple Storage Service (S3), VPC, ELB, EBS, ECS, DynamoDB, RDS, Aurora DB, Autoscaling, Amazon Cloud Watch, IAM, CloudTrail, CloudFormation, Route53, SNS, SES, SQS, LAMBDA** and experienced in building highly scalable java applications using various architectures.
- ✓ Demonstrated expertise in developing applications using **Azure Services** such as **Azure Spring apps, AKS, Azure Container Apps, Azure Container Registry, Cache for Redis, Cosmos DB, Maria DB, Table Storage, and Azure Functions**.

Technical Skills:

Methodologies	Agile, TDD, Sprint, Waterfall, and Scrum
Java/J2EE	Java 8, Java 11, Java Servlets, JSP, EJB, JMS, JNDI, JDBC, Java Security APIs, JSF, JAX, JPA, Hibernate, Spring, Web services, Struts
Web Technologies	Angular JS, React JS, HTML5, CSS3, AJAX, Bootstrap, jQuery
XML Related	XML, JAXP, JAXB, JDOM, SAX, XSL, XSD, XSLT
Application / Web – Servers	Apache Web Server, WebLogic, Tomcat, JBoss
Frameworks	Spring IOC, Spring MVC, Spring Boot, Spring Data, Spring AOP, Spring ORM
Design Patterns	MVC, Session Facade, DAO, DTO, Factory, Singleton, Strategy
Middleware	Web Services (WSDL, SOAP, and REST)
O/R Persistence	Hibernate
Operating system	Windows, Unix/Linux/Ubuntu
RDBMS	Oracle, MySQL, PostgreSQL, DB2, MS SQL
NoSQL Database	MongoDB, Cassandra, DynamoDB
Version Control	Git, Bitbucket, SVN
Build Tools	Ant, Maven, Make
Testing Tools	Log4J, Mockito, Jasmine, Karma, and Protractor
IDE	Eclipse, IntelliJ, and Net Beans
CI/CD Tools	Jenkins, GitHub, Docker
AWS	EC2, S3, VPC, ELB, EBS, ECS, EC2, DynamoDB, RDS, Aurora DB, Autoscaling, Amazon Cloud Watch, IAM, CloudTrail, CloudFormation, Route53, SNS, SES, SQS, LAMBDA
Azure	Azure Spring apps, AKS, Azure Container Apps, Azure Container Registry, Cache for Redis, Cosmos DB, Maria DB, Table Storage and Azure Functions

Professional Experience:

Kroger, Cincinnati, Ohio
Full Stack Java Developer

Aug 2022 – Present

Responsibilities:

- Involved in **Software Development Life Cycle (SDLC)** like web development, analysis, designing, testing of object-oriented applications and software applications, and used **Agile Scrum Methodology** for developing high quality applications.
- Participate in day-to-day Scrum meetings for Daily updates, Grooming and Retrospective.
- Worked with **Java 11** features like **Functional Interfaces**, **Stream API** for Bulk Data Operations, Date and Time API, Transaction Management, Concurrency API, Collection API, and Calendar API.
- Implemented **RESTful Web Services** using Java **J2EE** and **Spring Boot Framework** using **Microservice Architecture**.
- Developed application on **Spring framework** by utilizing its features like **Spring Boot**, **Spring Data**, **Spring IOC**, **Spring MVC**, **Spring security** and **Spring AOP**.
- Used a complete annotation-driven approach to develop the application using **Spring Boot** and was involved in setting up the **Spring bean profiling**.
- Deployed and monitored Microservices using **Spring Cloud Foundry**, managed domains and routes with the spring cloud service registry and **Spring Cloud Config Server** for externalized configuration.
- Implemented **Spring Netflix ZUUL API** gateway and **Eureka service registry** for reverse proxy and Dynamic service discovery of API.
- Implemented **Spring Circuit breaker** pattern, and integrated **Hystrix** dashboard to monitor **Spring microservices**.
- Designed and developed persistence service using **Hibernate 4.x** with **JPA** annotation and involved in designing and creating generic **DAOs** for domain module.
- Integrated **Restful Web Services** with **PostgreSQL DB** using **Hibernate** and **Spring Boot**.
- Worked on creating data models for both relational and non-relational databases such as **PostgreSQL** and **Cassandra**.
- Developed user interfaces using **JSP**, **HTML5**, **CSS3**, **Bootstrap**, **JavaScript**, **jQuery**, and **Ajax** with **JSON**.
- Expert developer with hands-on web development background and significant **Angular 14** project experience. Build core web application design patterns, such as **MVVM**.
- Worked with **Angular CLI** and **TypeScript** in **Angular** to create **Controllers** and **Angular** components for the Web Pages
- Shipped the logs to **Splunk**, created **dashboards** and **alerts** for production support.
- Expertise in writing unit test cases using **JUnit** and **Mockito** for mocking external services.
- Use **JIRA** to provide daily progress status reports, bug tracking and updates on development activities.
- Integrated with **Log4j** for logging the application and accessing logs.
- Used **GIT** and **Bitbucket** as version control system for the source code and project documents.
- Project code build is done using the **MAVEN** tool and used Continuous Delivery / Continuous Integration (CD/CI) tools **Docker** and **Jenkins** to deploy this application.
- Used **Kubernetes** to create a new cluster and container management tool.
- Used **Jenkins** to build the results by email to get real time notifications on failure.
- Expertise in **Microsoft Azure functions**, **Azure Web Apps**, **Azure Cosmos DB**, **Azure SQL DB**, **Azure Service Bus**, and **Azure Logic Apps**.
- Used **Azure Resource Manager (ARM)** to deploy, update, or delete all the resources for your solution in a single, coordinated operation.
- Used **Azure** functions to integrate applications and run backend processes according to schedules without provisioning/managing servers.

Technologies: Java 11, Spring, Spring Boot, Spring Data, Spring IOC, Spring MVC, Spring security and Spring AOP, Spring Netflix ZUUL, Hibernate, AngularJS, Type Script, Bootstrap, NodeJS, HTML5, CSS3, JavaScript, JMS, JPA, DAO, Rest, SOAP, JAX-WS, Web-Logic, EJB, JSON, AJAX, jQuery, Splunk, Maven, Docker, Jenkins,

PostgreSQL, PL/SQL, Cassandra, Junit, Mockito, JIRA, Log4j, GIT, Bitbucket, Kubernetes, Microsoft Azure functions, Azure Web Apps, Azure Cosmos DB, Azure SQL DB, Azure Service Bus, Azure Logic Apps, ARM.

Instinet, New York

Aug 2021 – July 2022

Full Stack Java Developer

Responsibilities:

- Involve in the analysis, design, development and implementing features that are being added to applications using **Agile Methodologies**.
- Utilized **Java 8** concepts like Collections, Multithreading and Exception handling to develop business components.
- Implemented **RESTful** based web services for backend implementation using **Java/J2EE** Technologies.
- Extensively used various **Spring Framework modules like MVC, Dependency Injection (IOC), Auto Wiring, Spring Security, ORM and AOP**. Created and injected **spring services, spring controllers and DAOs** to achieve dependency injection and to wire objects of business classes.
- Used **Spring JTA** transaction manager to remove the dependencies on the container.
- Written **JDBC** statements, prepared statements, and callable statements for various database update, insert, delete operations and for invoking functions, stored procedures, triggers.
- Used **Active MQ** as a **JMS** client to exchange messages with Web Services.
- Used **JMS** (Java Message Service) to send, receive and read messages in the application. Used different messaging models like Publish-Subscribe, Point-to-Point messaging along with EJBs.
- Utilized **Kafka** Connect to establish reliable and scalable data integration pipelines, enabling the seamless transfer of data between different systems and applications.
- Used **Swagger** and **OSS 3.0** for API specification document.
- Developed Node-based services using **Express.js** as middleware for several business reports and utilized **OAuth 2.0** with **JWT** token mechanism to secure the APIs.
- Used **Hibernate** mappings, relationships between tables, and entity classes to access and update information in the oracle database.
- Configured the **Hibernate** configuration files to persist the data to the **Mongo DB** Database.
- Developed UI using **JSP HTML5 Tag libraries CSS3, JavaScript, ReactJS and AJAX** using **JSON**.
- Developed UI by using **React JS** components Forms, Events, Keys, Router, Animation and Flux concept.
- Used **ReactJS** to create views to the **DOM** and synchronize data with server.
- Created **React** components, using **Redux** for unidirectional data flow.
- Created **UNIX** shell scripts to automate the build process, to perform regular jobs like file transfers between different hosts.
- Used **Apache Tomcat** server to deploy and test applications.
- Used **GIT** for the version control and **Maven** for build script and **Log4j** for configuring files.
- Developed **AWS** cloud formation templates and set up **Auto scaling** for **EC2** instances and was involved in the automated provisioning of AWS cloud environment using **Jenkins and chef**.
- Building the **AWS** infrastructure using **VPC, EC2, S3, route S3, EBS, security group, Auto Scaling, and RDS** in cloud formation.
- Installed **Kafka** on **AWS cluster** and configure producer and consumer coding part in Java. Loaded data from various data sources into **AWS S3** using **Kafka**.

Technologies: Java 8, ReactJS, Redux, Bootstrap, Vanilla JS, NodeJS, HTML5, CSS3, JavaScript, EJB, JSON, AJAX, Spring, Spring Boot, Spring Data, Spring IOC, Spring MVC, Spring security and Spring AOP, Hibernate, Active MQ, JMS, JSP, JDBC, JPA, DAO, Rest, SOAP, JAX-WS, Kafka, Maven, Jenkins, MongoDB, JIRA, Log4j, GIT, Swagger, AWS EC2, VPC, S3, route S3, EBS, Auto Scaling, RDS.

Estee Lauder, New York

June 2019 – July 2021

Sr. Java Developer

Responsibilities:

- Involved in SDLC like web development, analysis, designing, testing of object-oriented applications and software applications by using **Agile Methodology**.
- Involved in designing the system based on **UML** diagrams which include Data Flow Diagram, class diagram, sequence diagram.
- Extensively worked on development and enhancements of the project using **Spring framework**.
- Implemented various cross-project functionalities using **Spring AOP** and implemented transaction management using **Spring AOP** and used **Spring Aspects** for implementing logging functionalities.
- Used **Spring IOC** to inject services and their dependencies and leveraged spring-hibernate and **Spring MVC** and **Spring Boot** modules.
- Developed **Spring Boot** applications using spring data. Used **Spring Boot**-enabled discovery using **Netflix Eureka Server**.
- Responsible for writing Struts action classes, hibernate classes and integrating **Struts** and **Hibernate** with spring for processing business needs.
- Responsible for integrating the **Spring Boot** based Restful micro service with **PostgreSQL** using **Spring JPA**.
- Implemented **Apache Tomcat** to create **SOAP** based RESTful Web Services and created **WSDLs** as per wire frames, UI pages generated client jars using **JAX-WS**.
- Multilayer applications construction using open **JPA, HTML5, and Spring MVC**. Used **HTML, XHTML, JavaScript, XML, XSLT, XPATH, JSP, and Tag Libraries** to develop view pages.
- Worked on **REST** with **JSON** to test data, and **Postman** for testing the Web Services and documentation of the Web API.
- Responsible for creating **MySQL** queries and Stored Procedures and calling the Stored Procedures from Monolithic Application.
- Implemented modules into **NodeJS** to integrate with designs and requirements.
- Worked on **Vue.js** Forms, Validations, Modules, Components, controllers, and **HTTP** request.
- Involved in creating and extracting data from database using **SQL** Queries, **PL/SQL** Stored procedures, triggers, and packages on **Oracle** database.
- Utilized **Oracle** module in spring to connect, make database **CRUD** operations, execute oracle database package functions, and stored procedures.
- Created custom, self-contained, reusable, and testable **Angular 8** modules, controllers, directives, and services to implement key functionalities for customer account summary.
- Used **Angular 8** Http services for asynchronous validations for the input fields of the forms with the data that existed in the database.
- Used **Eclipse IDE** to develop applications and used its built-in database tool, plugin, and version control.
- Used **JUnit** to write unit tests and integration tests– used **Mockito** to mock objects and connections.
- Configured and managed **AWS** resources, including **EC2** instances, **load balancers**, and **auto-scaling** groups, to ensure high availability and scalability of applications.

- Integrated **AWS S3** (Simple Storage Service) to store and retrieve files within Java applications, ensuring secure and scalable file storage capabilities.
- Collaborated with **DevOps** teams to implement **CI/CD** (Continuous Integration/Continuous Deployment) pipelines using **AWS Code Pipeline, Code Commit, and Code Deploy**, ensuring efficient and automated software delivery processes.

Technologies: JPA, HTML5, Spring MVC, Spring Boot, HTML, XHTML, JavaScript, XML, XSLT, XPATH, JSP, Tag Libraries, Hibernate, NodeJS, Vue.js, MySQL, Angular 4, Eclipse IDE, Mockito, JUnit, UML diagrams, RESTful Web Services, AWS EC2, S3.

Sony LIV, India

Jan 2018 – May 2019

Front End UI/Angular Developer

Responsibilities:

- Communicated with client and worked on business requirements.
- Built rich prototypes and Applications using **HTML5, CSS3, JavaScript, jQuery, Ajax, JSON, Angular JS, and Bootstrap** with **MySQL database**.
- Used **Angular JS** controllers to control page data and models to bind data in UI with controller.
- Made **Rest API** calls \$http and \$resource services using **Angular JS** and developed all client-side logical implementations, DOM manipulations using Angular JS controllers.
- Integrated **RESTful APIs** and backend services to support seamless data exchange between frontend and backend systems.
- Coded **JSP** for Dynamic front end content that uses **Servlets**.
- Implemented authentication and authorization mechanisms using **Angular** features like **guards** and **JWT** tokens, complemented by **Struts** for server-side security and session management.
- Used **Angular JS** for creating Routers, Filters, Directives, Factory and Services.
- Hands on experience on developing the components using **Angular 4** needed for the application from scratch and customizing from various Angular related libraries to meet the application's functionality.
- Good experience in writing the unit test cases to test the functionality of the code written not only through the component level but also through the DOM level using karma test runner and jasmine framework.
- Integrated with a **MySQL** database to store and retrieve data.
- Actively participated in code reviews and provided constructive feedback to improve code quality and maintainability.

Technologies: HTML5, CSS3, JavaScript, jQuery, Ajax, JSON, Angular JS, Bootstrap, JSP, Servlets, Struts, MySQL.

Union Bank, India

May 2016 – Dec 2017

Java/J2EE Developer

Responsibilities:

- Participated in **Agile (Scrum)** methodology and was involved in the design, development, implementation, and testing of the enterprise applications.
- Involved in designing the system based on **UML** diagrams which include Data model, Object model, class diagram, sequence diagram.

- Developed architecture of the modules according to **J2EE** standards using **WebLogic** and **MVC** design patterns of **Spring MVC, Spring IOC, Spring ORM, Spring Batch** modules.
- Implemented high availability and scalability by setting up **WebLogic** clusters and managed servers, enabling load balancing and failover capabilities to handle increased traffic and provide seamless user experience. Configured session replication and failover mechanisms for maintaining session state across clustered servers.
- Involved in batch processing using **Spring Batch** framework to extract data from database and load it into corresponding tables.
- Used Spring **ORM** module for integration with Eclipse Link for persistence layer.
- Created web services using **SOAP, WSDL**. The calls and responses between client and server are transmitted as SOAP messages.
- Used **XML, XSD, and JSON** messages for **Data transfer**. Used **JAXB** API and **DOM** for **XML parsing messages**.
- Used O/R mapping tool **Hibernate** to achieve persistence.
- Created **DAOs** to interact with databases for insert, update, and delete operations using **JDBC**.
- Used **Oracle** database for tables creation and involved in writing SQL queries using Joins and Stored Procedures.
- Designed and developed user interactive screens using **HTML5, CSS3, JavaScript, jQuery**.
- Implemented logger for debugging and testing purposes using **Log4j**.
- Used Eclipse as an IDE for development, build, deployment and testing the application.

Technologies: Eclipse, JPA, JDBC, DAO, Spring MVC, Spring IOC, Spring ORM, Spring Batch, JNDL, WebLogic Server, Oracle, Hibernate, Junit, XML, REST Web Services, HTML5, CSS3, Java Script, Log4j.

Nalsoft, India

May 2015 – April 2016

Jr. Java Developer

Responsibilities:

- Used **J2EE** design patterns like Factory, Singleton. Involved in using **Waterfall methodology** of Software Development Life Cycle (SDLC) as requirement gathering, modeling, analysis, architecture design and development.
- Performed **Core Java** coding using JDK 1.3, Eclipse IDE, ClearCase, and ANT.
- Created applications involving **JSP, JavaScript, jQuery, and HTML**.
- Implemented **JSP** custom tags and tag libraries to encapsulate reusable components and simplify code maintenance. Implemented caching mechanisms in **JSP** applications to improve performance and reduce database load. Utilized techniques like page caching, fragment caching, or caching the results of expensive computations.
- Coordinated software system installation and monitor equipment functioning to ensure specifications are met. Responsible for performing Code Reviewing and Debugging.
- Collaborated with the development team to investigate and troubleshoot complex issues, identifying root causes and proposing effective solutions.
- Created triggers, stored procedures using **MySQL**.

Technologies: Waterfall methodology, Core Java, MySQL Server, jQuery, HTML5 and CSS3, JavaScript, HTML, XML, Eclipse.