

Teja Kurma

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EXPERIENCE SUMMARY

- 7+ years of full stack development experience in all stages of the life cycle, referring to Design, Development, Implementation, and testing of web-based applications.
- Developed and implemented views using **HTML5, CSS3/LESS, Bootstrap 4.0, AJAX**.
- Good exposure to **Bootstrap** for layout and Used **CSS3 Media Queries** and **Bootstrap UI** for **Responsive Design**.
- Pleasant Experience in **React.JS** for creating interactive UI using One-way data flow, Virtual DOM, JSX, and React Native concepts.
- Wide Exposure to MVC-based applications for **Angular**.
- Strong understanding of **TypeScript's** type system, including usage of interfaces, classes, and decorators
- Familiarity with **TypeScript's** advanced features such as mixins and mapped types
- Strong experience in building and maintaining large-scale web applications using **JavaScript, Angular, ReactJS, and Vue JS**.
- **Java/J2EE Programmer** experience in developing scalable high-performance web applications on Backend and Front-end aspects of **Java Programming with Java**.
- Strong experience in System Design, Enterprise Software development and complex Client/Server Implementation, Web Development, Intranet/web-based n-tier architecture systems utilizing Object oriented /Internet technologies, Implementation of J2EE Technologies (**Spring, Hibernate ORM, JDBC, Servlets, JSP**) in Banking and Medical domains.
- Expertise in **J2EE** and **MVC** architecture/implementation, Web Services, SOA, Analysis, Design, Object modeling, Data modeling, Integration, Validation, Implementation, and Deployment.
- Proficiency in **Model View Controller (MVC)** Architecture-based application design using **Spring framework**.
- Extensive experience in developing, integrating, migrating, and testing Java and web-based applications.
- Proficient in using **design patterns** such as **Factory, Decorator, and Adapter** to improve code reusability and maintainability.
- Involved in designing, developing, and testing web application and integration projects using Object Oriented technologies such as **Core Java, J2EE, Multithreading, JSP, JDBC, Spring Framework, Hibernate, JavaBeans, Web Services (REST/SOAP), XML**.
- Experience using **Hibernate framework** for object mapping with the database and **Hibernate** template provided by **Spring Framework**.
- Excellent development and implementation experience in Enterprise/Web/Client Server Java/JEE-based applications using **Spring (IOC, AOP, MVC), Hibernate, and JSF** frameworks.
- Experience in using various Web Servers like **Apache Tomcat** process server.
- Multi-Cloud exposure like **AWS**, and private cloud like **Pivotal Cloud Foundry**.
- Proficiency with deployments to **AWS**.
- Experience in using **Maven** scripts for building and deploying the application in Web/App servers like **JBoss** and **WebSphere**.
- Experience working on **RESTful Web Services**. Developed and consumed **RESTful web services** using **Eclipse IDE**. Worked on consuming **SOAP** web services and generating **WSDL**.

- Proficiency in **PL/SQL** programming – Stored Procedures, Triggers, Cursors, and Views.
- Good knowledge in **RDBMS** concepts & experience in **Oracle, MS SQL Server2000&My SQL**.
- Sound RDBMS concepts and extensively worked with **Oracle, MySQL, PL/SQL, SQL Server&DB2**. Queried primarily on **Oracle** and **MySQL** using **MySQL** workbench as GUI.
- Extensive hands-on knowledge of best practices in different areas (presentation, business, and persistence layer).
- Familiarity with **NoSQL** databases such as **MongoDB** and **Cassandra**.
- Experienced with version control systems like **SVN** and **Git**.
- Expertise in **Agile SDLC** under **SCRUM** methodology& project planning using **JIRA**.
- Good knowledge of **Semaphore** and **Deadlocks** and various database implementations.
- Experienced using orchestration tools like **AppDynamics** and **Kubernetes**.
- Proficient in creating **Jenkins** pipelines and automating the build and deployment process using **Docker**.

TECHNICAL SKILLS

Web Technologies	JavaScript, HTML5, CSS3, jQuery, AJAX, Node JS, Angular, JSP, JSON, Bootstrap
Languages	JavaSE, J2EE, SQL, PL/SQL, XML
Java Technologies	JDBC, Servlets, Java Beans, Spring boot
Design Patterns	Singleton, DAO, MVC, Apache Kafka
Web Services	REST (J AX-RS, Apache CFX), SOAP (JAX-WS, WSDL, Apache AXIS)
Methodologies	SDLC, Agile, SCRUM.
Frameworks	Spring , Hibernate, JSF, Apache CXF
IDEs	Eclipse 4.5, IntelliJ
Version Control Tools	Git
Web/Application Servers	Web Logic, JBoss, Apache Tomcat Server
Deployment Tools	Maven, Apache ANT
Testing Tools	JUnit, Karma, Jasmine, Log4j
Databases	Oracle12c, MySQL, MongoDB, Cassandra, NoSQL, POSTGRESQL
Operating Systems	Windows, Mac OSX, Linux (Ubuntu)

PROFESSIONAL EXPERIENCE:

Client: First republic bank

Jan 2022 – till now

Role: Full Stack Java Developer

- Developed user interface by using **React 16**, and **Flux** for **SPA development**.
- Developed and implemented views using **HTML5, CSS3/LESS, Bootstrap 4.0, AJAX**.
- Used **Typescript** features such as Client-Side Validation, and Asynchronous Processing and used **JSON** to build a responsive Single Page Application.
- Implemented various screens for the front end using **React** and used various predefined components from **NPM (Node Package Manager)** and **redux library**.
- Worked on responsive design and developed a single **ISOMORPHIC** responsive website that could be served to desktop, Tablets, and mobile users using **React JS**.
- Developed a Microservice Oriented application with **React JS** in the front end.
- Experience in **React.JS** for creating interactive UI using One-way data flow, Virtual DOM, JSX, and React Native concepts.
- Used **React Router** to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with the server.
- Developing scalable applications in a dynamic environment, primarily using Java, spring, web services, and object/relationship mapping tools.
- Involved in Core Java coding by using **Java APIs** such as **Collections, Multithreading, Exception Handling, Generics, Enumeration, and Java I/O** to fulfill the implementation of business logic.
- Solid experience with **Java** features such as **Lambda Expressions, Method References, Stream APIs, and Date Time API** in the application.
- Developed Controllers, Interfaces, and Implementation classes using **Spring MVC framework** and used **Microservice architecture** with **Spring Boot-based** service through **REST**.
- Experience in Server-side development on large-scale projects with **Spring Boot, Spring Security, Spring Cloud, Spring JDBC, and Spring Data JPA**.
- Expertise in Spring Security Module using its Site Minder, **OAuth 2.0** Configuration, and OpenID Connect for Enterprise Application Authentication and Authorizations.
- Better understanding of using **Spring Cloud** - Netflix OSS stack for microservices deployment and auto configurations like **Ribbon, Hystrix, and Zuul with Eureka** service registry.
- Extensive experience in developing and deploying scalable and efficient **Node.js** applications.
- Used a highly durable messaging system called **Apache Kafka** for the asynchronous exchange of vital information between multiple business applications.
- Experience with **MVC (Model-View-Controller)** design patterns for building scalable and maintainable web applications.
- Familiarity with the **Singleton pattern** for ensuring a single instance of a class throughout the application.
- designed and implemented **Integration APIs** that can be used to manage product activation, deactivation, and adding/removing products.
- Created and configure **Microservices** architecture for Product Management and organized code into bounded contexts.
- Used **Tomcat** to host the application in a production environment.

- Consumed **Restful Web service** API and made use of **CRUD Services** for effective use of Web services.
- Created **REST API's** in the **OpenShift** platform for integration with other applications.
- Implemented **PL/SQL** queries and used **MongoDB** stored procedures, and built-in functions to retrieve and update data from the databases.
- Extensive experience with **MongoDB** database administration, including installation, configuration, performance tuning, and backup and recovery.
- Implementing designed **AWS architecture** for the applications. on **AWS**: infrastructure so that the critical applications are highly available, elastic, and scalable using various **AWS services - EC2, S3, Route53, ELBs, Subnets, VPCs, RDS, IAM, and Autoscaling.**
- Developed Open stack API to Integrate with **Amazon EC2** cloud-based architecture in AWS. including creating machine Images and working on **AWS**, High Availability Practices, and deploying backup/restore infrastructure.
- Working on **AWS Lambda** for event-driven workflow, Working on Databases, Creating and Hosting **microservices** on **EC2** Instances, automating things using JSON Scripts, Creating Endpoints for the services, integrating through APIs, involved in the creation of APIs and API Gateways by establishing Secure connection between the end-points
- Experience with continuous integration and continuous deployment (CI/CD) pipelines, utilizing **GitHub** Actions or other CI/CD tools.
- Used **Kubernetes** as an orchestration tool to manage the **Docker** container to facilitate the management and deployment of the containers in a distributed architecture.
- Experience with **Jenkins** monitoring and reporting, including the use of plugins such as the Performance Plugin and the Build Monitor Plugin.
- Worked in a CI/CD environment with **Jenkins, Maven, AWS, Ansible, and Terraform**
- Used **Splunk** tool to search the application logs and used **Log4j** for logging.
- Used the **Junit** framework for writing automated unit testing for applications.
- Experience with integrating **Enzyme** with other testing tools, such as Jest, and how to use them together to create a comprehensive testing workflow.
- Maintained Test Driven Development (**TDD**) approach using **Agile Methodologies.**

Environment: Java, Spring Boot, HTML 5, CSS3, JSON, Angular, Restful Web Services, Spring Security Oauth2, Swagger, Tomcat, Maven 3, Eclipse, Junit 5, Denodo.

Client: Onward Health

Full stack Java Developer

Jan2021- Dec 2021

Responsibilities:

- Upgraded the UI screens in the application to single-page UI using **Angular 8, HTML 5, TypeScript, and CSS 3.**
- Built client-side pages using **TypeScript** and implemented client-side validations using **TypeScript** and **jQuery**.
- Participated in developing a well-responsive single-page application using Angular 8 framework, TypeScript, and jQuery in conjunction with HTML5, CSS3 standards, and the front-end UI team.
- Developed rich GUI using **AngularJS** for the front end of the application.
- Proficient in using various **Node.js** modules, such as Streams, Buffers, and the File System module, to handle data and file I/O operations.
- Involved in writing **AngularJS** controllers, views, and services.
- Developed web application by using **Java/J2EE, Spring framework, Struts framework.**
- Created **APIs** using rest-based web services.
- Responsible for developing, deploying, and supporting **Java** web services and applications.
- Implemented features like logging, and user session validation using the **Spring-AOP** module.

- Used **Spring MVC framework** for developing web applications. Created and consumed **REST web services**.
- Developed the **Spring AOP Programming** to configure logging for the application.
- Implemented Microservices using **spring boot, REST, and JSON**.
- Configured session timeout with **Spring Boot** on the server side and implemented auto logout functionality.
- Involved in creating and Deployment of **REST API and Micro Services** in Java J2EEE using **Spring Boot**.
- Worked extensively on Web Services (**SOAP&REST**), **XML, and Spring Controller**.
- Created APIs using **REST-based web services**.
- Used **Spring MVC framework** for developing web.
- Designed, configured, and managed public/private cloud infrastructures using Amazon Web Services (**AWS**), which includes **VPC, EC2, S3, Cloud Front, ELB, and Elastic Beanstalk**
- Involved in provisioning **AWS S3 buckets** for backup of the application and syncing these contents with remaining S3 backups, by creating entries for **AWS S3**
- Experience with setting up and configuring Jenkins for continuous integration and delivery of applications using **Docker containers**.
- Strong understanding of **Docker** concepts such as containerization, image creation and management, and networking.
- Experience with designing and implementing large-scale distributed systems using **Cassandra (NoSQL)**.
- Strong understanding of **Cassandra's security** features and best practices for securing a **Cassandra cluster**.
- Designed and developed the application using the **AGILE-SCRUM** methodology.
- Used **log4J & JUnit** for debugging, testing, and maintaining the system state.
- Reviewed the code for ensuring adherence to **Java** coding standards.
- Wrote build and deployed scripts using **Maven, and a shell script** to build and deploy the application in the **JBoss Application server**.
- Used **Maven** as a build and dependency.

Environment: Java 1.8, JBoss, JSP, jQuery, JSON, Spring Boot, Spring IOC, Spring MVC, Spring AOP, Spring ORM, Angular 4 and 8, Node.JS, Microservices, XML, SOAP Web Services, JMS, Agile, XPATH, Hibernate, Maven, GIT, AQT, DB2, Log4j, GIT, JIRA, HTML5, CSS3, JavaScript, Windows/Linux.

Client: BYJU'S

April 2017 - Dec 2020

Role: Full-Stack Java Developer

Front-end Development:

- Developed Bootstrap responsive web application pages using **Angular** services, components, and directives for front-end UI.
- Extensively used promises (Success and Error) while making sync communication.
- Wrote services with **Angular, and Angular JS** to store and retrieve user data from the DB to the application on devices with the **HTTP Client service**.
- Programmed interactive features: animations, text boxes, navigation buttons, messaging systems, and data tables, exclusively in **JavaScript, HTML5, CSS, and SCSS design** engine.
- Used to traverse through a DOM tree and manipulated the nodes in the tree. Implemented the Drag and Drop functionality using the **jQuery** framework.
- Strived to use web standards to build solutions using CSS3 and SCSS to create style sheets.

- Especially working with **AJAX** data consisting of **JSON** responses, parsing the same and presenting on the UI layer.
- Developed a Shared module with components that will be shared across the application such as **Loader, Modal Dialog, models, and Error Handler**.
- Responsible for creating **HTML** templates for each tile on the dashboard and used Bootstrap framework to handle the layout of the tiles on the dashboard.
- Implemented Spring Framework for **Dependency Injection (DI)** using **Inversion of Control (IOC)** and integrated DAO design pattern to retrieve the data from the database.
- Involved in the architectural refactoring of the Web services system and portal with **Spring framework**.
- Extensively used **Spring IOC/AOP** configured Application Context files and performed database object mapping using Hibernate annotations.
- Implemented **PL/SQL** queries and used **Oracle** stored procedures, and built-in functions to retrieve and update data from the databases.
- Used **NodeJS** to build a local development environment at the server side.
- Involved in Creating and Consuming RESTful Services using **Spring MVC, and Spring Boot**.
- Integrated applications into the shared services framework for security access control, and system authentication using the **Single Sign-On** feature.
- Used **ActiveMQ** to implement a real-time messaging system within the project.
- Consumed Restful Web service API and made use of **CRUD** Services for effective use of Web services.
- Created and configured Microservices architecture for **payment module** to organize code into bounded contexts and integrated with Angular application.
- Involved in consuming **RESTful** services and processing **JSON** data to render on UI.
- Experience with **Jenkins** for continuous integration and deployment of applications.
- Knowledge of **Kubernetes** for orchestration and scaling of containerized applications.
- Experience in designing and implementing highly scalable and efficient **Kafka**-based data pipelines.
- Experience in utilizing **Log4j** for logging messages like Debug and Error for better tracking of the application.
- Created java base project using **Maven** as a build tool and used **Jenkins** to analyze and identify the bugs in the code and to automate repetitive tasks.
- Extensively used **JUnit** for unit testing, integration testing, and production testing and writing Unit Tests using JUnit, and Mockito.
- Proficient in using **Jasmine** framework for testing and debugging of full stack Java applications.
- Used **Docker** to containerize the Services and APIs to run on EC2 instances and implemented the build stage to build the Microservices and push the Docker Container image to deploy into the AWS environment.
- Maintained Test Driven Development (**TDD**) approach using **Agile Methodologies**.

Environment: Java, Spring Boot, HTML5, CSS3, JSON, Oracle 12c, GCP, Angular, Restful Web Services, Spring Security OAuth2, Swagger, Tomcat, Maven 3, IntelliJ, Junit 5

**Client: DIVI Learning Solutions –
Hyderabad, India**

Oct 2015 – March 2017

Title: Full stack Java Developer

Responsibilities:

- Developed the front-end **UI** using **JSP, HTML, JavaScript, CSS, and React**. Implemented **Struts Validators framework** to validate the data.
- Extensive experience in developing and maintaining complex **React** applications, including proficiency in **React** hooks, **Redux**, and **React Native**.
- Developed the business domain layer using **Java, J2EE, and JDBC** and used **DAO, Transfer Objects, Singleton, Factory, and Front Controller design patterns**.
- Designed User Interface using **Java Server Faces (JSF), Cascading Style Sheets (CSS), and XML**.
- Developed the **Enterprise Java Beans** (Stateless Session beans) to handle different transactions such as online funds transfer, and bill payments /to the service providers.
- Developed **Struts framework** Action **Servlets** classes for Controller and developed Form **Beans** for transferring data between the Action class and the View Layer
- Developed Web Services for data transfer from client to server and vice versa using **Apache Axis, SOAP, WSDL, and UDDI**.
- Implemented **Service Oriented Architecture** (SOA) using **JMS** for sending and receiving messages while creating web services.
- Developed **Ant**(build.xml) targets for build and deployments on **WebSphere Application Server 5.0**
- Knowledge of **MongoDB (NOSQL)** tools and technologies, such as MongoDB Compass, Robo 3T, and the **MongoDB** Connector for BI.
- Performed impact analysis on the **dependency projects** of the OneSource Project
- Involved in writing unit test plans and developing test cases using **Junit**. Used Configuration Management and **Version Control** tool **CVS**.
- Designed User Interface using **Java Server Faces (JSF), Cascading Style Sheets (CSS), and XML**.
- Developed deployment descriptors for the **EJB** must deploy on **Web Sphere** Application Server.
- Extensively worked on MQ Series using point-point, publisher/subscriber messaging Domains for implementing the Exchange of information through Messages.
- Developed **XML documents** and generated **XSL** files for Payment Transactions and Reserve Transaction systems.
- **POJO-based** domain model integrated with **Hibernate ORM** for persistence Aggregation of data based on the summarized data of the Supply Chain.
- Implemented various **J2EE** Design patterns like **Singleton, Service Locator, Business Delegate, DAO, Transfer Object, and SOA**
- Used **Subversion** to implement a version control System.
- Created various **Junit Unit Test Cases** by using **Test Driven Development (TDD)** technique.

Environment: React, Java, J2EE, Struts 2, EJB 3, Hibernate, XML, JavaScript, Web services, Servlets, HTML, JUnit, **MongoDB**, WebLogic Application Server.