

# Sai Teja Ejigiri

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## **SUMMARY:**

Experienced Java full stack developer with around Eight years of expertise in delivering high-performance solutions. Proficient in RESTful APIs, microservices, database design, and optimization. I am skilled in Agile, Git, Jenkins, and Docker. Strong problem-solving and analytical skills with a focus on delivering quality code. Dedicated and motivated team player always eager to learn and grow.

- **Good expertise in developing Distributed Enterprise Software Application components using object-oriented design patterns and Microservices Architecture.**
- **Extensive knowledge on building microservices architecture like service registry, API gateway and SAGA pattern and even driven architecture.**
- **Extensive experience with Spring Core, Spring Boot.**
- **Proficient in semantic HTML5 markup and CSS3 styling for responsive web design. Experience with CSS preprocessors, grid layouts, and frameworks like Bootstrap. Skilled in optimizing performance and ensuring cross-browser compatibility**
- Expertise in implementing MVC frameworks using Spring and good knowledge of MVP patterns.
- Experience creating Use Case Model, Use Case Diagrams, Class Diagrams, sequence diagrams using Microsoft Visio tool.
- Experienced in building dynamic UIs with React.js, state management, and React Router for SPAs. Capable of integrating third-party libraries and APIs to enhance functionality and user experience.
- Experienced working with NoSQL databases like MongoDB and Apache Cassandra.
- Expertise in using IDEs like My Eclipse, Eclipse 3.x, IntelliJ, STS.
- Have good understanding about Database technologies for both Relational Database (MySQL, Oracle) and NoSQL (Mongo DB).
- Brief Experience on different OS like UNIX, Linux, and Windows operating systems.
- Experience with the build/deployment and release of the application using Maven, Gradle.
- Extensive experience with Agile Scrum Methodologies and Production Support.
- Known for writing efficient, maintainable, and re-usable code that preserves privacy and security.
- Portrayed Leadership by Planning and Organizing several team meetings and fun activities for the team.

## **TECHNICAL SKILLS:**

<b>Architecture &amp; Framework</b>	Client-Server, MVC, J2EE, <b>Spring</b> , Microservices, Spring Boot.
<b>Database</b>	Oracle 11g, SQL server 2008, SQL, Mongo DB, Cassandra

<b>IDE</b>	Eclipse, NetBeans, Spring Tool Suite
<b>Operating Systems</b>	Windows 9x/NT/XP/2003, Linux, Unix.
<b>Conceptual knowledge</b>	Web Services, Spring Web flux, Reactive Programming
<b>Query Languages</b>	SQL
<b>Programming Language</b>	Java SE 1.8, Java SE 1.6/1.7, Java EE 5/6/7, Core Java APIs (I/O, Thread, Collections), HTML, CSS, Java Script, C, C++.
<b>Tools:</b>	Java 8, Java 11, J2EE, Spring 4,5 versions, MVC (Model View Controller), Hibernate, Angular JS, React JS, Webservices (SOAP, REST), JBOSS, REST API, Spring boot, Micro Services, AWS, MONGO DB (NO SQL), Kafka, Graph QL, Microsoft Azure, Amazon Web Services (AWS), Docker, CI/CD, Kubernetes

**CERTIFICATIONS:** Designing Microsoft Azure Infrastructure Solutions [ Credential: **MS0993721020**]

**EDUCATION:** Bachelor of Electronics and Communications [Honors] - India 2016

**PROFESSIONAL EXPERIENCE:**

**Albertson, CA, USA**

April 2023 to Present

*Project # Product Catalogue System*

**Responsibilities:**

- Involved in SDLC Requirements gathering, Analysis, Design, Development and Testing of application using AGILE methodology (SCRUM).
- Using Spring Core Annotations for dependency injection and used Apache Camel to integrate Spring framework.
- Configuring the application using spring framework annotations and developed Spring. **Controllers for request and response processing and implemented RESTful Web Service.**
- **Used Reactive based programming in Java using JAVA 11 features and integrated non-blocking technologies like Spring Web flux.**
- Involved in developing Batch processors for data streaming using Apache Spark.
- Worked on Junit code coverage for writing test cases for Batch and Stream processors.
- Worked on database servers like MongoDB for Runtime and Config DB.
- **Involved in deployments using AKS (Azure Kubernetes Services).**
- Used Azure key vault for securely storing and managing sensitive information such as secrets, encryption keys, and certificates used in applications and services.
- Involved in designing and developing Object-Oriented methodologies using UML (Unified Modelling Language) and created Use Case, Class, Sequence diagrams and complete development, testing and maintenance process of the application.

**Environment:** Java 11, Spring 4,5 versions, MVC (Model View Controller), Webservices (SOAP, REST), REST API, Spring boot, Spring Web flux, Netty Server Micro Services, Spark, MONGO DB (NO SQL), Kafka, Microsoft Azure, Key Vault, Docker, CI/CD, Databricks, Kubernetes.

**AT&T, NJ, USA**

May 2019 to September 2022

*Project # AT&T's ticketing system*

**Responsibilities:**

- Involved in SDLC Requirements gathering, Analysis, Design, Development and Testing of application using AGILE methodology (SCRUM).
- Using Spring Core Annotations for dependency injection and used Apache Camel to integrate Spring framework.
- Configuring the application using spring framework annotations and developed Spring Controllers for request and response processing and implemented RESTful Web Service.
- **Migrating Spring based application to cloud based Micro services.**
- Maintaining multiple copies of data in different database servers using MongoDB replication concept.
- Involved in designing and developing Object-Oriented methodologies using UML (Unified Modelling Language) and created Use Case, Class, Sequence diagrams and complete development, testing and maintenance process of the application.
- Data modeling and development experience in NoSQL databases
- Expertise in implementing Micro-Services using Spring boot and Spring Cloud services.
- Involved in designing various stages of migrating data from RDBMS to Cassandra.
- Spring MVC model integration for front-end request action controller.
- Developing REST APIs using Java.
- Implemented a GraphQL API for a project, streamlining data fetching and manipulation, resulting in improved application performance and scalability.
- **Involved in deployments using AKS (Azure Kubernetes Services).**
- **Optimized micro services performance using auto scale in Kubernetes.**
- **Designing and developing the REST based Micro services using the Spring Boot, Spring Data with JPA.**
- Used Docker registry to pull Docker images.
- Adding messages to Kafka topics and wrote JMeter scripts to test the pushing of messages to Kafka queues successfully.
- Designing, configuring, and deploying Amazon Web Services (AWS) for a multitude of applications utilizing the Amazon Web Services (EC2 Instances, S3, AWS Cloud watch and cloud trail) focusing on high-availability, fault tolerance and auto-scaling.
- Involved in unit testing, integrated testing, performance testing.

**Environment:** Java 8, J2EE, Spring 4,5 versions, MVC (Model View Controller), Angular JS, Angular 6 or 7, 13, Webservices (SOAP, REST), REST API, Spring boot, Micro Services, AWS, MONGO DB (NO SQL), Kafka, Microsoft Azure, Amazon Web Services (AWS), Docker, CI/CD, Kubernetes.

**Siemens Technology and Services Private Limited, India**

Oct 2016 to April 2019

*Project # Retail Billing and Inventory System*

**Responsibilities:**

- Responsible for developing, maintaining, deploying, and supporting the highly scalable, multi-user e-commerce Web application for dealers.
- Configured Business Layer with the EJB and Spring framework for servicing client requests and DAO layer for providing security based on the user roles.
- **Involved in packaging ORM entities in microservice design.**
- Involved in data gathering during the business analysis and planning phase of the project.
- Extensively used Spring MVC framework to develop the web layer for the application. Configured Dispatcher Servlet in web.xml.
- Implemented Controller (abstract) and mapped it to a URL in servlet.xml file. Implemented JSP corresponding to the controller where data was propagated into it from the model and view object from the controller.
- Wrote Spring configuration files for the beans defined and properties to be injected into them using spring's Dependency Injection.
- Used Spring's AOP to implement logging and getting data source objects as the advice that was woven in the bean classes.
- Developed some external plug-in for internet-based application, using tools like Eclipse and Jenkins.
- Created SOAP compliant Web Services using Axis and consumed NPI Verification web service.
- Developed a SAX parser to parse the .xml file to extract the user data to be stored in the database.
- Working knowledge of developing web services using SOAP, WSDL.
- Used JUnit for testing the application and Neo Load Test for Performance Testing.
- Wrote separate dedicated classes to implement logging functionality and to get data sources objects. Log4j was used to implement logging.

**Environment:** Java 8, J2EE, Spring 4,5 versions, MVC (Model View Controller), Webservices (SOAP, REST), REST API, Spring boot, Micro Services, AWS, MONGO DB (NO SQL), Kafka, Microsoft Azure, Amazon Web Services (AWS), Docker, CI/CD, Kubernetes.

#### *Project # Postal Automation*

##### **Responsibilities:**

- Developing Web applications using Java, J2EE, Struts and Hibernate.
- Developing Action Form classes, Form beans, Action classes using struts.
- Using Hibernate for backend persistence.
- Used Spring framework for dependency injection and integrated with Hibernate and JSF.
- Involved in writing Spring Configuration XML file that has object declarations and dependencies.
- Implementing MVC, DAO J2EE design patterns as a part of application development.
- Developing DAO interfaces for hibernating to interact with databases.
- Designing the front end using JSP, CSS and Html as per the requirements that are provided.
- Using JavaScript and Struts validation framework for performing front end validations.
- Participating in project design sessions to document technical specifications and to provide design options and solutions.
- Extensively written CORE JAVA code in application.

- Used collections, multi-threading, concurrency, and other features of core java.
- Developed SOAP based Web Services using JAXB.
- Worked on complete life cycle, Design, development, and testing using OOA and OOD.
- Used JSP, HTML, and CSS for content layout and presentation.
- Implemented business logic using Session Beans, Servlets, and stored procedures.
- Working on Web technologies including Tomcat, Apache, Http, Web service architectures.
- Migrating web applications from Tomcat to web sphere deployment environments.
- Using Svn for software configuration management and version control.
- Preparing test cases and strategies for unit testing and integration testing.

**Environment:** Java SE 1.8, Java SE 1.6/1.7, Java EE 5/6/7, J2EE, Spring 4,5 versions, MVC (Model View Controller), Hibernate, Webservices (SOAP, REST), REST API, Spring boot, Micro Services, AWS, MONGO DB (NO SQL)

**Cisco Systems Private Ltd, India**

Aug 2016 - Oct 2016 ·

### *Internship*

The internship project is focused on utilizing Cisco Packet Tracer to design and simulate various network scenarios for educational and research purposes. As an intern, you will work with a team of network professionals to design and simulate real-world network topologies, configuring routers, switches, and other network devices, and testing and troubleshoot the simulated networks. This will provide you with hands-on experience with Cisco Packet Tracer, as well as an understanding of network design and troubleshooting, and Cisco networking technologies and best practices. The goal is to provide you with a comprehensive understanding of network design, troubleshooting and simulating network scenarios using Cisco Packet Tracer, giving you an edge in the networking field. The internship project is focused on utilizing Cisco Packet Tracer to design and simulate various network scenarios for educational and research purposes. As an intern, you will work with a team of network professionals to design and simulate real-world network topologies, configuring routers, switches, and other network devices, and testing and troubleshoot the simulated networks. This will provide you with hands-on experience with Cisco Packet Tracer, as well as an understanding of network design and troubleshooting, and Cisco networking technologies and best practices. The goal is to provide you with a comprehensive understanding of network design, troubleshooting and simulating network scenarios using Cisco Packet Tracer, giving you an edge in the networking field.

**Environment:** Internet Protocol Suite (TCP/IP), Cisco Routers, Cisco Packet Tracer.