Sai Teja Ejjigiri

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Senior Software Engineer

Experienced Java Full Stack Developer with over Five years of expertise in delivering high- performance solutions. Proficient in developing RESTful APIs, designing and implementing microservice architecture, and optimizing database performance. Skilled in Agile methodologies, version control with Git, continuous integration with Jenkins, and containerization with Docker. Familiar with Azure cloud services such as Azure App Service, Azure Functions, and Azure SQL Database. Possess strong problem-solving and analytical skills with a focus on delivering high-quality, maintainable code. Dedicated and motivated team player committed to continuous learning and professional growth.

WORK EXPERIENCE

Ubc Incorp • New Jersey, USA • 03/2024 - Present

Java Full Stack Developer

- Worked closely with the client to gather requirements and translate them into technical specifications and user stories.
- Developed RESTful APIs to enable seamless communication between different system components, ensuring high performance and reliability.
- Designed and developed the architecture of the ERP system, ensuring scalability, modularity, and maintainability.
- Leveraged front-end technologies including JavaScript, HTML, CSS, and React.js to create interactive and user-friendly interfaces for recruiters and job seekers.
- Implemented real-time features such as notifications and messaging using technologies like WebSockets to facilitate instant communication between users.
- Collaborated with frontend developers to integrate UI components with backend services, ensuring seamless user experiences.
- Conducted code reviews, debugging, and troubleshooting sessions to identify and address issues and improve code quality.

Albertson • California, USA • 04/2023 - 03/2024

Senior Software Engineer

- 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.
- 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.
- 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.
- Streamlined AKS deployments, resulting in a 15% reduction in infrastructure costs and a 25% improvement in application performance.
- 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 • New Jersey, USA • 05/2019 - 09/2022
Java Developer
- Project # AT&Ts ticketing system
- Responsibilities :
- Involved in SDLC Requirements gathering, Analysis, Design, Development and Testing of application using AGILE methodology (SCRUM) .
- 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.
- Designing and developing the REST based Micro services using the Spring Boot, Spring
- Data with JPA.
- Expertise in implementing Micro-Services using Spring boot and Spring Cloud services.
- Involved in designing various stages of migrating data from RDBMS to Cassandra.
- Developed new REST APIs using Java, expanding the functionality of the system and enhancing the overall user experience, leading to increased customer satisfaction and retention.
- Implemented a GraphQL API for a project, streamlining data fetching and manipulation, resulting in improved application performance and scalability.
- Utilized AKS for deployments, resulting in a 25% reduction in infrastructure costs and improved scalability, leading to significant cost savings and better resource management.
- Optimized micro services performance using auto scale in Kubernetes.
- 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.
- 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.

Murray State University • 05/2018 - 05/2019
Graduate Assistant
- Designed and led workshops on time management and study skills, which received positive feedback from 90% of participants. Improved student academic performance and success.
- Collaborated on a graduate research project investigating consumer behavior, contributing to a published paper and enhancing team communication and collaboration.

Cisco Systems Private Ltd • **08/2016 - 10/2016**

Intern 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.

EDUCATION

Masters In Telecommunications Systems Management

Murray State University • USA • GPA: 3.5 • 08/2017 - 05/2019

Bachelor Of Electronics And Communications Honors In Ece

Lovely Professional University • Punjab, India • 07/2012 - 12/2016

CERTIFICATIONS

Designing Microsoft Azure Infrastructure Solutions • 01/2024 - 12/2024

SKILLS

- Agile Software Development
- Amazon Web Services
- AngularJS
- Apache Camel
- Apache Cassandra
- Apache JMeter
- Apache Kafka
- Apache Maven
- Apache Spark
- Apache Tomcat
- API Gateway
- Azure Web Apps
- Bootstrap
- Cascading Style Sheet
- Dependency Injection
- DispatcherServlet
- Git
- Gradle
- GraphQL
- Hibernate
- Hypertext Markup Language
- Integration Testing
- IntelliJ IDEA
- Java
- Java Persistence API
- Java Platform Enterprise Edition
- JavaScript
- Jenkins
- JUnit
- Kubernetes
- Linux
- Load Testing
- Log4j
- Microservices
- Microsoft Azure
- Microsoft SQL Server
- MongoDB
- MySQL
- Netty
- NoSQL
- Oracle Database
- ReactJS
- Scrum Methodology
- Simple Object Access Protocol
- Spring Boot
- Spring Cloud
- Spring Data
- Spring Framework
- Spring Mvc
- Spring Tool Suite
- SQL
- SQL Azure
- Test Coverage
- Troubleshooting
- Unit Testing
- Unix Operating System
- User Interface Design
- Version Control