



Profile

Results-driven Software Engineer with **4+ years** of experience building scalable backend systems and full-stack applications using **Java, Spring Boot, Kafka**, and **AWS**. Adept in designing microservices, optimizing performance, deploying on cloud infrastructure, and implementing **CI/CD** pipelines. Strong foundation in **Data Structures and Algorithms**, **microservice architecture**, **clean code principles** along with **problem-solving**, and **Agile** development.

Skills

Front-end Technologies: HTML5, CSS3, JavaScript, Angular, React.js, Bootstrap, jQuery, AJAX, Redux

Back-end Technologies: Java, Spring Boot, Spring MVC, Hibernate, JPA, JSF, MVC Framework, RESTful APIs, Maven, Micro-services

Database: PostgreSQL, MySQL, MongoDB, SQL Server, Oracle, Redshift, Cassandra

DevOps & Tools: Docker, Kubernetes, Git, Visual Studio Code, JIRA, CI/CD Pipelines, Apache, Nginx, Swagger, Postman, Jenkins, GitLab,

Testing: JUnit, Selenium, Automated Testing, Mockito

Methodologies: Agile, Scrum, SDLC

Cloud Technology: AWS (EC2, S3, RDS), Microsoft Azure

Professional Experience

Software Engineer, Jefferies

03/2024-Present | New York, USA

- Designed and implemented a **Kafka**-based data pipeline to replace the existing **OneJEF** system, ensuring seamless data retrieval from the front end.
- Developed **Spring Boot** services to consume **Kafka** topics and persist data into **PostgreSQL**.
- Automated daily job to retrieve inserted data, generate TXT reports, and securely transfer to PeopleSoft **SFTP**.
- Improved system scalability and asynchronous processing by **20%** through **Kafka** integration
- Experienced in designing **low-latency**, highly available backend systems.
- Utilized **Spring Boot** and **Kafka** to streamline asynchronous data processing and reporting.
- Optimized database interactions using **PostgreSQL**, ensuring high performance and reliability for data ingestion and retrieval.
- Participated and collaborated for **system design** to ensure scalable and fault-tolerant architecture.

Software Engineer, Accenture

01/2022-05/2022 | Hyderabad, India

- Led the development of responsive user interfaces for the e-commerce platform using **Angular**, **Redux** for state management, and **Java**, resulting in a 25% increase in user engagement by enhancing the application's overall responsiveness and visual appeal.
- Optimized **Oracle** databases by implementing advanced querying techniques, which improved **query** performance by 30%, ensuring faster data retrieval and enhancing application efficiency.
- Architected and developed robust server-side applications and **RESTful APIs** with **Spring Boot** boosting application reliability and scalability by 35% to support growing user demands.
- Containerized multiple applications using **Docker** and managed orchestration with **Kubernetes**, achieving a 40% improvement in deployment efficiency and simplifying the management of microservices architectures.
- Established and maintained **CI/CD** pipelines using **Jenkins** and **Maven**, integrating **JUnit** and **Selenium** for automated testing, which reduced production bugs by 50% and accelerated the release process.
- Assisted in migrating legacy applications to **AWS**, leveraging **cloud services** to enhance performance, ensure seamless **scalability**, and reduce infrastructure costs by utilizing modern cloud-based solutions.

Software Engineer, Popcornapps

10/2019-12/2021 | Hyderabad, India

- Built enterprise CRM solutions using Java, Spring Boot, and JSF, aligning with business requirements and increasing customer satisfaction by 25%.
- Designed and deployed RESTful APIs with Spring MVC and Hibernate, enhancing data throughput and reducing latency by 25%.
- Implemented cloud-native deployments with AWS (EC2, S3, RDS) and Docker, enabling scalable and fault-tolerant application infrastructure.
- Attained 85%-unit test coverage using JUnit and Mockito, leading to a 50% reduction in production bugs and improving overall code reliability.

Education

Master of Science, Auburn University at Montgomery, Computer Science

06/2022-12/2023 | Montgomery, AL, USA

Relevant Courses: Data Structures, Algorithms, Distributed Systems, Database Systems