Naushik Ravikrindi

naushikravikrindi@gmail.com — 980-310-9153 — linkedin.com/in/naushik-ravikrindi-6180861b6/ — github.com/Naushikr

Experience

MetLife
Software Engineer

Jan 2024 - Present
Charlotte, NC

- Designed and implemented scalable microservices with **Spring Boot**, utilizing **REST APIs** and **Apache Kafka** for robust inter-service communication, enhancing system reliability and performance.
- Architected a complex, interactive **React UI** with component-based architecture, improving UI state management and user interactions, thereby enhancing performance and user experience.
- Improved application response time by 30% using **Amazon DynamoDB** for high-performance **NoSQL** data access, reducing latency and improving critical operation responsiveness.
- Implemented a CI/CD pipeline with **Jenkins** for microservices, achieving improved test coverage and reducing deployment time by 20%, which streamlined the development and release processes.
- Implemented and orchestrated services on **Kubernetes**, leveraging **Docker** for containerization, with deployment on AWS infrastructure using services such as **S3**, **SQS**, **SNS**, **Lambda**, **API Gateway**, **EC2** and **ECS**.

Harman Connected Services
Software Engineer

Aug 2021 - Dec 2022
India

- Designed and implemented RESTful APIs using **Spring Boot**, and **React**, enhancing user experience and improving data handling efficiency by providing seamless data flow.
- Developed custom search with **Elasticsearch**, significantly improving data retrieval speed and accuracy.
- Developed and optimized libraries, services, and functionalities using **Java**, **Redis**, and **PostgreSQL**, supporting multiple product teams and ensuring high performance, scalability, and reliability.
- Utilized **Swagger** to standardize API design and documentation, streamlining the development of microservices and ensuring consistent API interfaces across the system.
- Led the containerization of legacy applications using **Docker** and deployed them into an orchestrated environment with **Kubernetes**, improving scalability and fault tolerance

Macro Software Solutions
Associate Software Engineer

Jan 2020 - July 2021
India

- Enhanced **React** component performance using memorization and code-splitting techniques, achieving a 15% reduction in page load time and improving user experience and engagement.
- Used **Spring Data JPA** for efficient data access and **Spring Cloud Stream** for message-driven communication, boosting overall system performance and data handling efficiency.
- Migrated from **MySQL** to **MongoDB**, leveraging its document-oriented structure to significantly enhance application responsiveness and scalability, and improved development efficiency by reducing integration testing time by 40% through the effective use of **Mockito** for dependency mocking.
- Established a CI/CD pipeline with Jenkins and GitLab CI, integrating Prometheus for monitoring, Grafana for real-time visualization and log analysis with Kibana sourced from **Elasticsearch**.

Projects

E-commerce Platform

- Built a full-stack solution leveraging **React.js, Node.js, GraphQL, Docker, and SQL**, and implemented CI/CD pipelines to automate testing and deployment for production-ready code.
- Containerized and deployed services with **Docker**, integrated **CI/CD** pipelines to automate testing and deployment, ensuring scalability and smooth DevOps workflows.

Education

University of North Carolina at Charlotte
Masters of Science in Information Technology — GPA - 3.9

Jan 2023 - May 2024
Charlotte, NC

Skills

Languages: C, C++, Java, Python, JavaScript, TypeScript, SQL, Batch Script, Shell Script, Bash,, HTML, CSS, Spring Boot **Technologies/Frameworks**: Kubernetes, Docker, Git, Jenkins, GitLab CI, Redis, Flask, AWS (S3, Lambda, EC2, ECS, API Gateway), Prometheus, Postman, MongoDB, MySQL, PostgreSQL, SQL Server, NoSQL, Grafana, Webhooks, Kafka, GraphQL, Elasticsearch, Swagger UI
Development Practices: Agile (Scrum, Kanban), CI/CD Pipelines, Test-Driven Development (TDD), Behavior-Driven Development (BDD), Version Control (Git, GitLab)
API Development & Security: REST, GraphQL, OAuth, JWT, API Security
Cloud/DevOps: AWS, Docker, Kubernetes, Jenkins, CI/CD Pipelines