Urmin Gajjar

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SUMMARY

Senior Full Stack Engineer with 6+ years of experience building high-performance applications using Java, Python, and microservices. Skilled in developing secure, real-time solutions and delivering scalable, enterprise-grade platforms, with a proven ability to mentor junior developers and guide cross-functional teams.

TECHNICAL SKILLS

Language/Tools/Frameworks/Concepts

- Java, Python, TypeScript, C#, SQL, Spring Boot, Node.js, Microservices, Agile, REST APIs, Kafka, Splunk
- React.js, Angular, AWS, Docker, Kubernetes, Jenkins, MongoDB, PostgreSQL, Oracle, Redis, Elasticsearch

WORK EXPERIENCE

Senior Full Stack Java Engineer, Simmons Bank, *Pine Bluff, Arkansas (Remote)* **Feb 2023 - Present**

- Led the development of a high-performance banking platform using Java 17, Spring Boot, and Angular to modernize legacy systems, implementing a secure microservices architecture integrated with Oracle databases that decoupled dependencies and accelerated feature delivery while satisfying all compliance requirements, ultimately transforming the bank's outdated infrastructure into a responsive, future-ready system.
- Developed a real-time fraud detection system using Node.js, Kafka, and Redis that embedded detection logic into transaction pipelines, integrating React dashboards and Elasticsearch to deliver instant alerts and investigation tools, dramatically improving response times while maintaining reliability during peak periods.
- Helped cut down deployment cycles through robust CI/CD pipelines with Jenkins, Docker, and Kubernetes on AWS. This enabled development teams to focus on feature delivery instead of manual deployments while proactively identifying performance bottlenecks before they impacted customers. Primary automation tools used included Terraform and Splunk monitoring.
- Mentored junior engineers by establishing coding practices, leading technical learning sessions, and helping new team members transition into financial services development, strengthening team capabilities.

Software Engineer II, Webster Bank, *NYC, NY (Remote)* **June 2021 - Feb 2023**

- Built a distributed payment processing architecture using Spring Boot microservices connected through Kafka event streams, transitioning from monolithic batch processing to real-time transaction handling while maintaining data consistency across customer facing channels. Primary languages used were Java and TypeScript.
- Developed a comprehensive authentication layer integrating Spring Security, JWT tokens and OAuth2 that allowed for secure API access across mobile and web platforms. This decoupled the need for shared session management while satisfying regulatory compliance requirements for financial transactions.
- Created a specialized digital wallet caching system using Redis and Node.js that preloaded customer financial data based on behavioral patterns, dramatically reducing API response times during peak usage while maintaining data integrity through atomic operations and optimistic locking.
- Introduced GraphQL APIs to streamline data access for front-end teams, enhancing performance across web and mobile while complimenting REST APIs used for core, transactional banking operations.
- Built ETL workflows for financial data processing with Python and NiFi, optimizing queries across Oracle, MongoDB, and Cassandra to support complex, multi-source data routing. Primary languages and tools used included Python, Pandas, and custom asyncio-based orchestration scripts.

Full Stack Engineer, Circana, Inc., *Chicago, IL* **June 2019 - May 2021**

- Built a financial forecasting platform for retail analytics that allowed global retailers to efficiently analyze sales and market share data across multi-terabyte workloads. This decoupled traditional batch processes into a scalable microservices architecture. Primary languages used were Java and Python.
- Utilized seamless data streaming in real-time by transitioning legacy ETL pipelines to Apache Kafka and Spark within a containerized architecture. This allowed for both faster insight generation across distributed teams, as well as prevention of data loss when processing high-volume retail transaction feeds from multiple sources.
- Accelerated development cycles by crafting React/TypeScript components with Redux, empowering business analysts to visualize complex retail trends without engineering support.

EDUCATION

Jawaharlal Nehru Technological University (JNTUH) **March 2018**
Bachelor of Science in Computer Engineering