Chintan Patel

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EXPERIENCE

Software Engineer 2   Sep. 2024 - Current
Commerce Bank
- Architected and implemented microservices-based fraud detection system, enhancing financial data processing and risk model integration, potentially reducing false positives by 15-20%.
- Developing real-time alert functionality, improving risk mitigation capabilities for internal teams.

Software Engineer 1   Feb. 2023 – Sep. 2024
Commerce Bank
- Developed scalable data pipelines, processing high-volume transactions for data-driven decision-making.
- Created robust data integration tools, ensuring seamless processing and improved data integrity for financial reporting.
- Implemented and optimized Elastic Stack for real-time monitoring, reducing downtime and improving system stability.
- Automated deployment processes using Puppet and Azure DevOps, enhancing CI/CD efficiency and service reliability.

Associate Software Engineer   Jan. 2022 – Feb. 2023
Commerce Bank
- Developed a Java microservice that consolidates daily BAI file data, ensuring accurate customer account information and reducing severity 1 issues by approximately 85%, processing an average of 200,000+ records.
- Designed and developed backend services using Java and .NET, improving system performance and scalability.
- Contributed to database optimization and SQL query improvements, reducing query execution time by an average of 30% for frequently used queries.

Software Engineer Intern   May 2021 – July 2021
Oracle Cerner
- Improved the Public API to consume new service layer implementations, facilitating better integration with healthcare systems and improving overall functionality.
- Developed and rigorously tested Ruby services and gems using Ruby on Rails and RSpec, ensuring robust and reliable software components for healthcare data management.

Teaching Assistant   Aug. 2020 – May 2021
Kansas State University
- Conducted weekly lab sessions for over 20 students, covering key concepts such as state, control structures, methods, and object-oriented programming.
- Provided one-on-one support during office hours, assisting students with coursework, lab assignments, and exam preparation, resulting in improved student performance and understanding.

EDUCATION

Kansas State University   Dec. 2021
- Bachelor of Science in Computer Science   **GPA: 3.563/4.000**
- Minor in Mathematics

SKILLS

Languages: Java, Python, Go, JavaScript/TypeScript, SQL
Frameworks: Spring Boot, ReactJS, VueJS
DevOps: Puppet, ElasticSearch, Logstash, Kibana, Azure DevOps