

Chintan Patel

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EXPERIENCE

Software Engineer 2

Sep. 2024 - Current

Commerce Bank

- Architected and implemented a microservices-based fraud detection system, enhancing financial data processing and risk model integration, with potential to reduce false positives by 15-20%
- Leading development of real-time alert functionality to improve risk mitigation capabilities for internal teams, focusing on system responsiveness and data accuracy

Software Engineer 1

Feb. 2023 – Sep. 2024

Commerce Bank

- Developed scalable data pipelines to process high-volume transactions, enabling data-driven decision-making across the organization
- Created robust data integration tools, ensuring seamless processing and improved data integrity for critical financial reporting
- Implemented and optimized Elastic Stack for real-time monitoring, slashing system downtime by 85% and enhancing incident response efficiency, resulting in a 90% reduction in SME escalations
- Automated deployment processes using Puppet and Azure DevOps, enhancing CI/CD efficiency and increasing service reliability

Associate Software Engineer

Jan. 2022 – Feb. 2023

Commerce Bank

- Built a Java microservice for daily BAI file data consolidation, processing 200,000+ records and reducing severity 1 issues, saving an estimated 12 hours of manual work
- Enhanced and expanded existing backend services using Java and .NET, improving system performance and scalability to accommodate rapid business growth and increased user demand
- 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

- Enhanced 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 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
- Minor in Mathematics

GPA: 3.563/4.000

SKILLS

Languages: Java, Python, JavaScript/TypeScript

Frameworks: Spring Boot, ReactJS, VueJS

DevOps: Puppet, Elasticsearch, Logstash, Kibana, Azure DevOps