

# RAVI CHAUDHARY

Staff Software Engineer



(289) 921-0809



ravi7131@yahoo.com



@imravichaudhary



https://ravichaudhary.ca

## EXPERTISE

Microservices Architecture  
System Design & Scalability  
Kubernetes & Docker  
Kafka & Event-Driven Systems  
CI/CD with Observability  
Spring Boot 3.5.x with Java 21  
LLM Integration using MCP  
Cloud Platforms: Azure, AWS, GCP

## LEADERSHIP & STRATEGY

Engineering Leadership  
Technical Roadmaps  
Cross-Team Architecture Ownership  
Strategic Technical Decision-Making  
Stakeholder Communication  
Technical Mentorship  
Talent Development  
Org-Wide Technical Evangelism  
Platform Modernization Leadership  
Hiring & team growth strategy

## EDUCATION

COMPUTER ENGINEER (BACHELOR)  
Gujarat Technological University  
India, 2014  
  
COMPUTER SYSTEMS TECHNICIAN  
Mohawk College  
Canada, 2016

## CAREER SUMMARY

Staff Software Engineer with 10+ years of experience architecting scalable, cloud-native platforms and leading cross-functional teams. Proven track record in aligning engineering execution with strategic business goals, driving enterprise AI adoption, and mentoring engineers across global organizations.

## PROFESSIONAL EXPERIENCE

STAFF SOFTWARE ENGINEER APR 2022 – PRESENT  
Walmart Global Tech | Bentonville, Arkansas

- Spearhead the technical vision for 3 core inventory management products supporting international markets, leading a team of 15+ engineers across multiple time zones.
- Architected and deployed a geo-regional multi-tenant system, improving system scalability and performance by 40%.
- Led the integration of LLMs with internal MCP services, enabling faster AI adoption across enterprise platforms.
- Conducted internal brown bag sessions to evangelize best practices and architectural patterns.
- Designed and implemented Kafka-based near-real-time messaging systems ensuring resilient, high-throughput data processing.
- Modernized container orchestration using Kubernetes, enhancing CI/CD pipelines and reducing deployment time by 60%.
- Led OE/EE initiatives across teams, reducing technical debt by 50%+ and improving engineering velocity and maintainability.
- Provided architecture guidance and technical mentorship across teams; enforced engineering excellence through PR and design reviews.

SENIOR SOFTWARE DEVELOPMENT ENGINEER JUN 2019 – APR 2022  
Mastercard (Ethoca) | Toronto, Canada

- Developed fraud-prevention platforms that reduced transaction disputes by up to 30%, leveraging scalable event-driven architectures.
- Engineered a Zero Trust, cloud-native data platform ensuring high availability, horizontal scalability, and PCI-DSS compliance.
- Tuned system performance to handle 10,000+ TPS in a single region with P95 latency under 300ms, enhancing scalability and reliability.
- Automated CI/CD pipelines, improving release velocity and reducing manual intervention.

FULL STACK DEVELOPER APR 2017 – JUN 2019  
Royal Bank of Canada (RBC) | Toronto, Canada

- Developed and maintained large-scale fund accounting applications using Java 8, Spring Boot, Angular 4, and Cloud Foundry in a distributed, enterprise environment.
- Integrated real-time event-driven architecture using Apache Kafka and Spring Cloud Stream to support high-throughput data processing.
- Managed high-availability MongoDB replica sets with MongoDB Ops Manager, ensuring resilience and failover support.
- Implemented automated testing (unit, integration, E2E) using JUnit, Mockito, Robot Framework, Mocha, and Chai; improved release quality through CI/CD pipelines with Jenkins.

INDUSTRY PARTNERSHIP PROJECT DEVELOPER JAN 2016 – MAR 2017  
iDeaworks, Mohawk College | Hamilton, Canada

- Engineered scalable, PHIPA-compliant, multi-tenant backend services for health-tech applications using Node.js, deployed on IBM Bluemix; supported 25+ public health units across Ontario.
- Leveraged StrongLoop and Docker to reduce deployment time, enabling rapid prototyping and faster delivery of backend features.