

# Hasan Rohan Tahsin

Software Engineer

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## Summary

Computer Science graduate focused on Java, Spring Boot, APIs, event-driven architecture, cloud deployment, and maintainable engineering.

## Education

Bachelor of Science in Computer Science, Memorial University of Newfoundland

Minor in Business Administration | Completed December 2025 | St. John's, Newfoundland and

Labrador

## Selected Projects

Event-Driven Order & Inventory Platform (in development): A microservice-based commerce backend for coordinating order processing, inventory reservation, payment, shipping, and notifications.

iFixIt Ticketing App (completed): A Flutter and Firebase service-ticketing application for customer requests, technician workflows, communication, and operational visibility.

API Monitoring & Incident Management Platform (planned): A planned reliability platform for endpoint monitoring, uptime tracking, latency history, incidents, and service-level health.

FOUR Board Game (completed): A Java Swing strategy game with a 9x9 board, multiple difficulty levels, save/load support, and computer-controlled gameplay.

## Skills

Languages: Java, Python, JavaScript, TypeScript, Dart, SQL

Backend and APIs: Spring Boot, Spring Cloud, REST APIs, Kafka, Firebase Functions

Frontend and Mobile: React, Next.js, Flutter, Tailwind CSS

Data and Storage: PostgreSQL, MySQL, MongoDB, SQLite, Firestore

Cloud, DevOps, and Tooling: AWS fundamentals, Docker, GitHub Actions, Git, Maven, Vercel, Linux fundamentals

Networking and Security: FortiGate administration, Firewall fundamentals, VPN fundamentals, Routing and switching fundamentals

## Certifications and Learning

FortiGate Administrator - Coursera

Enterprise Firewall Administration - Coursera