KURT JALLORINA

SOFTWARE ENGINEER

@ kurtjallorina4@gmail.com   📍 Toronto, Ontario   in linkedin.com/in/kurtjallorina

EXPERIENCE

Founding Engineer
HAVN Inc.

📅 Dec 2025 - Present   📍 Toronto, Ontario

- Architected and deployed full-stack social platform using **React Native**, **Python/FastAPI**, and **MongoDB**.
- Containerized application with **Docker** and orchestrated with **Kubernetes** on AWS EKS.
- Configured **AWS Load Balancer** for traffic distribution achieving **99.9% uptime**.
- Designed and implemented 15+ **RESTful APIs** with JWT authentication and error handling.
- Implemented **CI/CD pipelines** using GitHub Actions for automated testing and deployment.
- Optimized queries and implemented **Redis** caching, reducing API latency by **60%**.
- Integrated **OpenAI APIs** for intelligent features, implementing LLM-powered workflows.
- Collaborated in **Agile/Scrum** environment with daily standups, sprint planning, and code reviews.

ITAD Production Associate
Quantum Lifecycle

📅 May 2024 - Present   📍 Brampton, Ontario

- Applied analytical and problem-solving skills in fast-paced environment with cross-functional teams.
- Demonstrated strong communication and collaboration abilities across technical and non-technical stakeholders.

PROJECTS

Lead Developer, First Place Winner
TenantShield - CSHub Hacks 2025

📅 Jan 2025

- Led team to **1st place out of 20+ teams**, winning $400 prize and Best Use of Gemini AI award.
- Built full-stack application with **React** frontend and **Node.js/Express** backend in 12 hours.
- Integrated **Google Gemini API** for multimodal AI analysis, achieving 85% accuracy on classification.
- Designed intuitive UX for complex legal information, prioritizing user empathy and accessibility.
- Demonstrated leadership, time management, and ability to deliver production-ready software under pressure.

TECHNICAL SKILLS

Python   JavaScript   TypeScript
Java   SQL

React   React Native   Node.js
FastAPI   Express.js

MongoDB   PostgreSQL   Redis
REST APIs

AWS   Docker   Kubernetes   CI/CD
Git

TOOLS

Locust   Pytest   Jest   Postman
Swagger

Grafana   Prometheus   Sentry
GitHub Actions

PRACTICES

Agile/Scrum   Code Reviews   TDD
Load Testing   System Design

STRENGTHS

Problem Solving   Leadership
Communication   Fast Learner
Team Player

EDUCATION

York University
Honours BA in Computer Science
Sep 2024 - Apr 2028

AWS Cloud Club York U
Technical Associate (Executive)
Lead workshops teaching AWS services and cloud best practices.

Coursework: Data Structures, Algorithms, Databases, Software Engineering