

# KURT JALLORINA

## SOFTWARE DEVELOPER

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📍 Toronto, Ontario

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## EXPERIENCE

### Founding Engineer

HAVN Inc.

📅 Dec 2025 - Present

📍 Toronto, Ontario

- Architected and deployed full-stack social platform using **React Native, Python/FastAPI, and PostgreSQL**.
- Designed and implemented 15+ **RESTful APIs** with JWT authentication, input validation, and comprehensive error handling.
- Deployed production infrastructure on **AWS (EC2, S3, RDS)**, achieving **99.9% uptime** and sub-200ms response times.
- Implemented **CI/CD pipelines** using GitHub Actions for automated testing, building, and deployment workflows.
- Optimized database queries and implemented **Redis** caching, reducing API latency by **60%**.
- Led technical decisions as founding engineer, establishing coding standards and development practices.
- Collaborated in **Agile/Scrum** environment with daily standups, sprint planning, and code reviews.
- Integrated **OpenAI APIs** for intelligent features, implementing LLM-powered workflows and automation.

### 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 tasks.
- 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

PostgreSQL

MongoDB

Redis

REST APIs

AWS

Docker

Git

CI/CD

GitHub Actions

## PRACTICES

Agile/Scrum

Code Reviews

Testing

Documentation

System Design

## STRENGTHS

Problem Solving

Leadership

Communication

Fast Learner

Team Player

## LINKS

🔗 <https://kurtjallorina.me>

🔗 <https://github.com/kurtjallo>

## 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