

AHMED KHAFAJI

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Education

York University

Bachelor of Engineering in Software Engineering

Sep. 2020 – Apr. 2025

Toronto, ON, Canada

Experience

Distinctive Wood Products

Full-Stack Software Engineer

Feb. 2024 – Present

Toronto, Canada

- Sole developer modernizing legacy PHP/JavaScript/SQL internal systems, reducing query times by 30% for 50+ daily users.
- Built custom order tracking/invoicing tools for non-technical staff, eliminating 10+ hours/week of manual data entry.
- Lead migration from monolithic architecture to microservices-ready codebase, enabling future scalability.

Lightring AI

Senior Full-Stack Developer & Team Lead

Nov. 2022 – 2023

Toronto, Canada

- Led team of 4 developers delivering government/healthcare solutions, increasing client retention from 80% to 95%.
- Implemented CI/CD pipelines on AWS, cutting deployment time by 50% (2 hours to 30 minutes) with zero-downtime releases.
- Architected multi-platform apps serving 200+ concurrent users, boosting workflow efficiency by 25% and reducing support tickets by 40%.
- Mentored 3 junior developers through weekly code reviews and pair programming, improving team velocity by 20%.

Cayde Services Inc.

Founder & Lead Engineer

2020 – 2022

Toronto, Canada

- Bootstrapped software company delivering 3+ government/campus solutions with 99.9% uptime SLA and \$150k+ revenue.
- Built and scaled yuMeet mobile platform to 55,000+ users with real-time messaging, achieving 4.8-star app store rating.
- Architected client-server model with offline sync and local-first data, reducing API costs by 60%.
- Managed end-to-end product lifecycle: technical architecture, hiring 2 contractors, and securing university partnerships.

Projects

yuMeet – Campus Social App | *React Native, Next.js, PostgreSQL, Socket.IO*

2025

- Led full-stack development for 55k+ York University users with real-time messaging, user verification, and personalized event recommendations.
- Designed offline-first architecture with local data sync, supporting 10k+ concurrent users with 99.9% uptime.

Enterprise Billing System | *Next.js, Node.js, PostgreSQL, AWS*

2024

- Architected government billing system processing 100k+ daily transactions for Iraq Ministry of Finance.
- Built microservices with load balancing and real-time monitoring, achieving 99.95% uptime and <100ms latency.
- Integrated 5+ payment gateways, handling \$2M+ monthly transaction volume securely.

Government E-Visa Platform | *Next.js, React, MongoDB*

2023

- Built visa application system for Iraq ministry, reducing processing time by 40% for 50k+ monthly applicants.
- Implemented document verification and fraud detection, decreasing fraudulent applications by 35%.
- Designed dynamic CMS enabling non-technical staff to update content, reducing dev dependency by 80%.

Technical Skills

Languages: Python, JavaScript, TypeScript, PHP, SQL, Java, C, HTML/CSS

Frameworks: React, Next.js, Node.js, Express, React Native

Databases: PostgreSQL, MongoDB, Redis, MySQL

Cloud & Tools: AWS, Google Cloud, Docker, Kubernetes, Jenkins, GitHub, Linux, Socket.IO