GABRIEL AL-RAHI

Full-Stack Software Developer

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SUMMARY

Full-stack developer and Algonquin College Computer Programming graduate (GPA 3.83). Built and deployed a production business platform that runs a live company's quoting, invoicing and double-entry bookkeeping, backed by 120+ automated tests. Eight months of professional enterprise development as a ServiceNow co-op, where I worked on a client-facing product and mentored new developers. Fluent in AI-assisted development (Claude Code, ChatGPT, Gemini) with a strong focus on review, testing and correctness.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, SQL, PL/SQL, PHP, Dart
Frontend: HTML5, CSS3, React, PrimeFaces, Flutter
Backend & APIs: Jakarta EE, Servlets, RESTful APIs, MVC, role-based authentication
Databases: PostgreSQL, MySQL, Oracle 19c (PL/SQL), Microsoft SQL Server, MongoDB, Neo4j
Platforms & Tools: ServiceNow (UI Builder, Business Rules, Script Includes, APM), Git/GitHub, CI/CD, Railway, Maven, Tomcat
Practices: Agile/Scrum, automated & unit testing, MVC and GoF design patterns, UML/ERD, code review
AI-Assisted Development: Claude Code, OpenAI, Google Gemini, prompt engineering, validating AI-generated code
Currently Learning: TypeScript, Node.js, Next.js, Prisma

EXPERIENCE

Co-Owner & Software Developer — Cedaris Supply & Solutions Ltd., Ottawa, ON Aug 2026 – Present
Next.js 15, React 19, TypeScript, Prisma, PostgreSQL, Tailwind CSS, JWT, GitHub CI/CD, Railway

- Designed and shipped the company's production web platform, taking it from an empty repository to live in about two weeks: inventory, quoting, invoicing with PDF/email delivery, CRM pipeline, customer portal and **double-entry bookkeeping with HST**.
- Engineered the financial core for correctness: integer-cent money, a ledger that enforces debits = credits, tax-correct discount allocation and **atomic invoice posting** in a single database transaction.
- Wrote **120+ automated tests**, including a simulated month of trading that proves the books balance, and added regression tests after production build failures.
- Deployed on Railway with managed PostgreSQL and gated database migrations through GitHub CI/CD; one codebase serves both the public site and the back office, with role-based access control and SEO structured data.
- Directed AI coding agents (Claude Code) for implementation while owning requirements, architecture, code review, debugging and deployment.

ServiceNow Developer (Co-op) — Optovia, Ottawa, ON May 2025 – Dec 2025

- Named **Algonquin College Co-op Student of the Year** (2026) for my work at Optovia, on Optovia's nomination.
- Assisted in developing Optovia's **Enterprise Architecture (EA) Accelerator**, carrying technical tasks from requirements to deployment through Agile Scrum sprints under my supervisor's direction.
- Extended ServiceNow's **Application Portfolio Management** assessment engine with custom scoring and normalization logic built as reusable server-side Script Includes.
- Built end-to-end solutions combining Business Rules, UI Policies/Actions, UI Builder workspaces and executive dashboards that report application health, business value and technical condition.
- Demoed the product to clients, gathered feedback and turned business requirements into platform features.
- Mentored and onboarded new co-op developers, reviewing their work and co-writing the onboarding documentation for Optovia's co-op program.

Co-Owner / Operator — Vapeasy, Ottawa, ON Apr 2023 – Apr 2024

- Ran daily operations of a retail business: hired, trained and scheduled staff, and managed vendors, purchasing and inventory forecasting.
- Kept the books in QuickBooks and ran POS, inventory and sales reporting in Lightspeed.

COVID-19 Screening Supervisor — Children's Hospital of Eastern Ontario, Ottawa, ON Oct 2021 – Oct 2022

- Supervised a team of 5+ staff in a fast-paced hospital setting and used screening data to track issues and improve workflow.

PROJECTS

EcoVert Workforce Management System (Team Lead, Real Client) Jan 2026 – Apr 2026

Java, Jakarta EE, PrimeFaces, MySQL, Maven, Git/GitHub, ZenHub

- Led a student development team building a scheduling system for a real client: gathered requirements, wrote specifications, assigned work by team strengths and ran sprints in ZenHub.
- Built role-based authentication (Administrator / Worker) and a calendar interface for creating, assigning and tracking jobs, with notes and status updates.
- Managed feature integration through GitHub pull requests and code reviews.

Public Transit Fleet Management System Apr 2025

Java 21, Servlets, MySQL 8, Apache Tomcat 9, MVC

- Co-built a three-tier enterprise web application covering authentication, vehicle GPS tracking, fuel and energy monitoring, predictive maintenance alerts and analytics dashboards.
- Applied GoF patterns (DAO, Builder, Strategy, Factory, Observer, Adapter) with a Front Controller and layered MVC, documented with UML, ERDs and sequence diagrams.

Pizza Ordering Website Jul 2024

JavaScript, PHP, MySQL, HTML5, CSS3

- Built a full ordering flow (accounts, cart, checkout, reviews) on an eight-table relational schema with database triggers.

EDUCATION

Computer Programming Diploma — Algonquin College, Ottawa, ON 2023 – 2026

- GPA 3.83. Coursework: Enterprise Application Programming, OOP & Design Patterns, Advanced Databases, Web and Backend Development, Mobile GUI Programming, Systems Analysis & Design, Network Programming.

Bachelor of Health Sciences — University of Ottawa, Ottawa, ON 2017 – 2021

- Magna Cum Laude, Dean's Honour List, GPA 3.77.

LANGUAGES

English (native), Arabic (native)