

HITEN SHARMA

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

Computer Programming graduate (with distinction) with experience across backend, front-end, and cloud. Led a team of 5 on a live client project built with Python, Flask, and PostgreSQL, owning features from requirements to release and building a pytest automation framework. Uses Claude Code and GitHub Copilot in daily development and builds agentic AI systems with the Claude API. Hands-on with Java, React, AWS, Docker, and Kubernetes. Available to start immediately.

TECHNICAL SKILLS

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

Frameworks and APIs: RESTful APIs, React, Flask, OAuth 2.0

Cloud and DevOps: Docker, Kubernetes, AWS (Lambda, API Gateway, DynamoDB, Amplify, IAM), Jenkins, CI/CD, Git

Testing: pytest, Playwright, Postman

Databases: PostgreSQL, Oracle, MySQL, MongoDB, Neo4j

AI: Claude Code, GitHub Copilot, Claude API, OpenAI API, LangChain, LangGraph

EDUCATION

Computer Programming Diploma | Algonquin College, Ottawa, ON | GPA: **3.76/4.0** (Graduated with distinction) Jan 2025 - Aug 2026

Relevant coursework: Enterprise Java (Jakarta EE), Advanced Database Topics (SQL, Oracle, MongoDB, Neo4j), BI and Data Analytics, Linux

WORK EXPERIENCE

Software Developer (Client Project), Group Leader | Nettoyage Eco Vert, Longueuil, QC May 2026 - Aug 2026

- Led a team of 5 to build a cleaning rotation tracking web app end-to-end for a live client using Python, Flask REST APIs, and PostgreSQL, designed to support 100+ clients, managing sprints in Jira and reviewing code before merging
- Built a pytest automation framework with unit tests for backend features, tracing failures to their root cause and verifying fixes before each release
- Served as main client contact, gathering requirements, tracking issues through to resolution, and documenting features for the client

PROJECTS

WHOOOP Health Intelligence Agent | [GitHub](#)

- Engineered an agentic AI system with the Claude API, developed using Claude Code, that analyzes WHOOOP biometric data (recovery, sleep, strain) and generates personalized daily health reports
- Implemented the full OAuth 2.0 flow with the WHOOOP API, including token storage and refresh, and exposed the data through Flask REST endpoints
- Built a fault-tolerant daily pipeline with scheduled jobs, structured logging and error handling for failed API calls, delivering reports automatically by email

Power of Math (AWS Serverless Application) | [GitHub](#)

- Built and deployed a serverless web application on AWS using Amplify for hosting, Lambda for compute, and DynamoDB as the database
- Exposed the Lambda function through a REST API in API Gateway and connected it to the front-end
- Configured IAM roles and permissions so each service had only the access it required

Pathfinding Visualizer | [GitHub](#)

- Developed an interactive React application that animates Dijkstra's shortest-path algorithm in real time on an editable grid
- Implemented Dijkstra's algorithm from scratch, handling distance tracking, node visitation order and shortest-path reconstruction
- Managed complex UI state in React to handle live user input (walls, start and end nodes) while keeping animations smooth and responsive

CERTIFICATIONS

- AWS Cloud Technical Essentials, in progress
- Microsoft Certified: Security, Compliance, and Identity Fundamentals (SC-900), in progress
- Introduction to DevOps & Introduction to Cloud Computing