

PROFESSIONAL EXPERIENCE

INTACT INSURANCE – Software Developer II

Jul 2026 – Present

- Implemented Java microservices using Maven, contributing to REST APIs and production-ready service improvements.
- Analyzed during pre-refinement to clarify business requirements, technical scope, dependencies, risks, and delivery estimates.
- Supported junior developers and reviewed peer code by reinforcing clean code, testing standards, and Definition of Done practices.
- Contributed to technical design discussions by identifying edge cases, dependencies, and impacts across connected systems.

INTACT INSURANCE – Software Developer I

Sep 2025 – Jul 2026

- Developed Java backend services by fixing defects, updating REST API logic and maintaining internal microservice components.
- Implemented unit, and component tests; participated in PR reviews and ensured code quality through version control best practices.
- Collaborated in an Agile team environment, managing dependencies with Nexus/Nexus IQ and contributing CI/CD workflows.
- Investigated and resolved backend defects by analyzing, debugging service behavior, and validating fixes across environments.

AMAZON WEB SERVICES (AWS) – Cloud Consultant Full-Stack Dev Intern

May 2025 – Aug 2025

- Built an end-to-end blog platform using serverless containers, VPC networking, IaC, scalable database, and CI/CD pipelines.
- Enhanced SaaS robustness through structured error handling, environment configuration, and deployment validation.
- Worked backwards from the customer to stay fully aligned with needs and continuously gathered feedback.
- Integrated a Bedrock LLM model into the platform to automatically generate intelligent post summaries and enhance UX.

SENTIOM – Software Developer Engineer / Cloud Engineer

Mar 2023 – May 2025

- Designed and automated Azure cloud environments using Python/Pulumi and IaC practices for scalable deployments.
- Optimized Python algorithms, improving system efficiency and developed user interfaces in Flutter with REST APIs.
- Improved APIs on Azure performance by implementing best development and continuous integration practices.
- Contributed to the definition of the application architecture to ensure scalability and simplified maintenance.

EDUCATION & CERTIFICATIONS

POLYTECHNIQUE MONTREAL

Bachelor's Degree in Software Engineering – Specialization in Artificial Intelligence and Data Science

Sep 2021 – Dec 2025

- AWS Certified Machine Learning Engineer Associate bit.ly/awscertifiedmachinelearningengineerassociate-mohameddjeddi
- AWS Certified Solutions Architect Associate bit.ly/awscertifiedsolutionsarchitectassociate-mohameddjeddi
- AWS Certified AI Practitioner bit.ly/awscertifiedaipractitioner-mohameddjeddi
- AWS Certified Cloud Practitioner bit.ly/awscertifiedcloudpractitioner-mohameddjeddi
- Microsoft Certified: Azure Fundamentals bit.ly/microsoftcertifiedazurefundamentals-mohameddjeddi

ENTREPREUNARIAL PROJECTS

RISENGEN – Founder & Agentic AI Automation Engineer

Sep 2025 – Present

- Built parallel n8n pipelines with Google Cloud Gemini for grounded research and and context-aware generation.
- Architected a multi-tenant agentic AI platform automating lead ingestion, validation, email generation, and campaign delivery.
- Engineered Redis-backed workers and PostgreSQL workflows with rate limiting, idempotency, retries, and real-time monitoring.
- Developed JavaScript backend services and client portal workflows, deploying containerized production workloads with Docker.

SKILLS

- **Programming Languages:** Python, Java, C++, Dart/Flutter, JavaScript/TypeScript, YAML, SQL, etc.
- **Databases:** MySQL, PostgreSQL, Firebase, Cosmos DB, MongoDB, Amazon Aurora, DynamoDB, etc.
- **Agentic AI & Automation:** OpenAI Codex, Claude Code, Gemini, Lovable, n8n, LLM, MCP integrations, prompt engineering
- **Cloud & DevOps:** AWS, Microsoft Azure (Pulumi, Azure CLI, Pipelines CI/CD), Google Cloud, GitLab CI/CD, Linux, etc.
- **Containerization & Orchestration:** Docker, Kubernetes, Finch, container networking, persistent volumes, etc.
- **Data Analysis Tools:** Power BI/Excel, Numpy, Pandas, Matplotlib, Scikit-learn, Seaborn, etc.
- **Collaboration & Engineering Practices:** GitHub, GitLab, Confluence, Agile/Scrum/Kanban, documentation, code reviews.
- **Soft Skills:** Algorithmic problem-solving (LeetCode), intellectual curiosity, fast learner, adaptable, strong collaboration.