

Juniel Djossou

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EDUCATION

University of Waterloo

Bachelor of Computer Science

Waterloo, ON

September 2023 – April 2028

EXPERIENCE

Software Developer I – Full-Stack

Intact Financial Corporation

May 2026 – Aug 2026

Montreal, Canada

- Investigated and resolved production defects across distributed microservices, collaborating with developers and stakeholders to restore service reliability and minimize business impact.
- Drove an AI-assisted defect analysis initiative to automate root cause identification and reduce mean time to resolution.
- Leveraged experience across the full stack to contribute to both frontend and backend services in a high-throughput production environment.

Software Developer I – Backend

Intact Financial Corporation

Sep 2025 – Dec 2025

Montreal, Canada

- Designed and shipped backend features across Spring Boot microservices using Java, Kubernetes, and Kafka.
- Implemented a multilingual logo-selection system across Angular and Thymeleaf services, deployed to production with full test coverage.
- Increased test coverage up to 90% across 3 Spring Boot services using JUnit and Spring Boot Test, reducing regression risk in critical flows.
- Led observability efforts by adding service-level metrics and building Dynatrace dashboards for 7 services.

Student AI Researcher

Waterloo Experience Accelerate — Local Technologies Inc.

Jan 2025 – Apr 2025

Remote

- Researched recommendation systems and predictive analytics to identify scalable AI solutions for local businesses.
- Delivered reports translating AI capabilities into actionable product decisions for non-technical stakeholders.

PROJECTS

Agent² | Python, FastAPI, Playwright, Telnyx, AWS

Mar 2026

- Built an AI-powered real estate assistant that converts natural phone conversations into structured home search criteria and returns matching listings by SMS.
- Developed a voice-to-search pipeline using Telnyx voice streaming, PersonaPlex speech processing, and LLM-based extraction to interpret user preferences.
- Automated listing discovery and ranking by scraping real estate sites with Playwright and scoring results with an LLM-assisted ranking model.

Farmesh | Next.js, TypeScript, Supabase, PostgreSQL

Mar 2026

- Built an AI-assisted platform matching farm supply with restaurant demand using a multi-agent pipeline for intake, normalization, demand interpretation, and vendor matching.
- Developed role-based dashboards and matching workflows with transparent AI reasoning for supply-demand recommendations.

Befriend | Flutter, Firebase

Jun 2023 – Aug 2024

- Built and published a cross-platform social app (100+ downloads), managing design, development, and deployment to both the App Store and Play Store.

TECHNICAL SKILLS

Languages: Java, Python, C++, TypeScript, JavaScript, Swift, HTML/CSS, Dart

Frameworks & Libraries: Spring Boot, React, Next.js, Angular, PyTorch, NumPy, FastAPI, Flutter

Tools & Platforms: Git, Kubernetes, Kafka, Jenkins, Dynatrace, Postman, Jira, Microsoft Azure (AZ-900, AI-900)

Databases: PostgreSQL, Oracle SQL, MongoDB, Firebase Firestore