

GLEN M. JEREMY

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EXPERIENCE

Fiserv - Embedded Finance

Toronto, ON

Software Engineer 2 (Contract via Ascendion)

Oct 2025 - Present

- **Driving post-acquisition integration** of Payfare (acquired for **\$201M**) by migrating third-party i2c with Fiserv's in-house Vision Next card platform, focusing on API integration, data mapping and service architecture.

MPAC

Pickering, ON

Software Engineer (Contract)

May 2025 – Oct 2025

- Engineered a full-stack Python (Sanic) and MySQL system for PDF generation and delivery of property tax assessments, processing 5M+ properties for **14M+ Canadians** using Apache **Kafka** and **AWS SNS**.
- Built Python **data conversion tool** that read Excel-based mapping rules to transform S3-stored JSON from 2.0 to 1.0 schema, ensuring operational continuity for 30+ downstream applications across **100+ organizations**.
- Designed GitLab CI/CD pipelines with **Docker**, **Kubernetes**, and **YAML** that perform daily backups of internal property processing data, storing them in AWS S3 buckets, ensuring compliance with **SOC2 requirements**.

Bally's Interactive

Toronto, ON

Software Engineer Junior

Aug 2024 – Jan 2025

- Spearheaded **homepage category carousel** development with Java/Kotlin/Android SDK, improving first-touch, and first-impression user experience, accelerating navigation speed by 30% for **10M+ users in 7 countries**.

Software Engineer Co-op

Aug 2023 – Aug 2024

- Developed **Bash** scripts and **Dockerfiles** to automate Android APK builds within Jenkins CI/CD pipelines, leveraging **GCP & Kubernetes** environments to streamline QA build deliveries, achieving 99% build success rate.
- Refactored legacy Java Android components into Kotlin, and Jetpack Compose with MVVM design pattern.

Engineers Without Borders

Toronto, ON

Software Engineer Intern

Aug 2022 – Dec 2022

- **Led 5 engineers** in the development of a cross-platform (iOS/Android) mobile application using React Native, and TypeScript, empowering teachers in the education of global disparities in clean water access.
- Built a robust RESTful backend using Python, Django, and PostgreSQL to integrate third-party APIs and automate database operations, increasing backend reliability by **raising unit test coverage to 90%**.

LinkingVentures

Toronto, ON

Software Engineer Intern

May 2022 – Sep 2022

- Shipped a scalable **subscription billing system** using Python, TypeScript, and Stripe APIs, implementing secure checkout, recurring billing, and webhooks, significantly **reducing payment processing times by 40%**.

PROJECTS

Velo (React Native, Python, FastAPI, OpenAI, AWS): Built cross-platform (iOS/Android) calendar app with **STT/TTS** voice enabled OpenAI-powered assistant for scheduling. **Launching 01/12/2025 Google Play/App Store**. [Public repo](#)

Frobot (React, TypeScript, Python, OpenAI, AWS Lambda/API Gateway): Shipped OpenAI-powered chatbot with personality modes (supportive/funny/honest), prompt engineering, real-time chat UI, deployed via **serverless AWS**. [Try it](#)

SKILLS & CERTIFICATIONS

Certifications: [AWS Certified Cloud Practitioner](#) (Completed, 2025), [AWS Certified AI Practitioner](#) (Completed, 2025)

Languages & Frameworks: Python, Java, TypeScript, Kotlin, SQL, Bash, React, FastAPI, Django, Flask, Spring Boot

DevOps & Tools: AWS, GCP, Docker, Kubernetes, Jenkins, GitLab/GitHub, Postman, Cursor, VSCode, Jira, Figma

EDUCATION

University of Toronto (St. George)

Toronto, ON

Honors B.S. Computer Science Specialist, Statistics Minor

Sep 2020 - Apr 2025