GABRIEL IRA SIWA
FULL STACK SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Team-oriented Software Developer. Builds REST APIs and cloud-deployed apps with Node.js, React/Next.js, TypeScript, and Azure. Integrates databases (MongoDB, PostgreSQL, MSSQL) and auth (JWT). Delivered POTS on Azure and developed an AI mobile app using React Native (Expo); comfortable with CI/CD on GitHub and fast Vercel deploys. Led/participated in code reviews and weekly sprints; maintained clear release notes and hand-offs.

RELEVANT EXPERIENCE

Software Development Student
Southern Alberta Institute of Technology | Calgary, AB | *January 2025 – August 2025*

- Pharmacy Order Tracking System (**POTS**): Led the design and development of a web-based platform enabling real-time order tracking and online ordering from local compounding centers. Built a centralized dashboard to automate order management, reduce manual processes, and minimize paper waste.
- **EyeMo** (AI Mobile App): Designed and developed a mobile application to assist visually impaired individuals by leveraging AI-powered services for object detection and environment feedback. Built with React Native (Expo) and cloud-based AI APIs, focusing on accessibility and real-world usability.

Record Technician – Technology & Innovation
Government of Alberta | Calgary, AB, Canada | *September 2024 – December 2024*

- Automated quality control steps using digital tools, reducing manual processing by 40% and improving task efficiency by 30%.
- Improved document tracking and storage accuracy, contributing to increased departmental productivity by 25%

Back-End Java Developer (Co-op)
Xurpas Inc. | Makati, Philippines | *July 2022 - August 2022*

- Engineered backend logic and RESTful APIs for a client-facing enterprise system using Java and MSSQL, resulting in a 15% improvement in response time during a 200-hour training program.
- Implemented Argon2 encryption protocols to safeguard sensitive client data, significantly enhancing security compliance.
- Designed and integrated APIs with a Svelte frontend, improving frontend-backend communication and reducing development bottlenecks.

PROJECTS

- **Pharmacy Order Tracking System (POTS)** | React, Node.js, MongoDB, Azure, Google Recaptcha
  Full-stack web platform for real-time order tracking and automated pharmacy order management.
- **EyeMo – AI Mobile App for Accessibility** | React Native (Expo), Azure AI APIs, OpenAI
  Mobile app assisting visually impaired individuals with real-time object detection and feedback.
- **Coffee Mates Static website** | React, Node.js, Vercel
  A web platform showcasing the amazing team of developers that worked on POTS & EyeMo.

Explore both projects -> **Learn More**

EDUCATION

Diploma in Software Development   January 2024 – August 2025
Southern Alberta Institute of Technology (SAIT) | Calgary, AB, Canada
Bachelor's degree in Computer Science   Awarded in August 2023
Cavite State University - Carmona | Cavite, Philippines

References are available upon request.