

MIYELANI EMMANUEL MAKARINGE

Software Engineer

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PROFESSIONAL SUMMARY

Detail-oriented Software Engineer with 3+ years of experience delivering secure, reliable, and maintainable software solutions across the full Software Development Lifecycle. Experienced in Agile environments, incident response, system reliability, and cross-functional collaboration.

CORE SKILLS

- Software Development & Maintenance (SDLC)
- Planning, Estimation & Agile Delivery
- Reliability, Fault Tolerance & Incident Response
- Secure Coding, Logging & Access Control
- JavaScript, TypeScript, Node.js, React, Vue.js
- REST APIs, MongoDB, PostgreSQL, OpenEdge ABL

PROFESSIONAL EXPERIENCE

MIP Holdings – Junior Software Engineer (Jan 2023 – Present)

- Planned and delivered production-ready solutions aligned to sprint objectives and timelines.
- Developed and maintained critical systems using OpenEdge ABL and JavaScript.
- Provided operational support, incident response, and outage resolution to minimize downtime.
- Performed code reviews, validation checks, and regression testing during releases.
- Improved system stability, maintainability, and documentation for support teams.

Mapapa Solutions – Junior Software Developer Intern (Mar 2021 – Aug 2022)

- Built and maintained full-stack MERN applications with scalable architecture.
- Developed secure RESTful APIs and reusable front-end components.
- Optimized MongoDB schemas and resolved defects to improve reliability.

PROJECTS

- Tinder Clone (MERN): Full-stack application with authentication, REST APIs, and scalable data models.
- Tinder Clone (Vue.js): Component-based front-end with API integration and performance optimization.
- My Movie App: Full-stack React and Node.js application using PostgreSQL and third-party APIs.

EDUCATION

National Diploma in Computer Systems Engineering – Tshwane University of Technology

CERTIFICATIONS

- React.js – LinkedIn (2025)
- Learning TypeScript – LinkedIn (2025)
- Full-Stack Web Development Bootcamp – Udemy (2025)