Surafel Zewdu

Full Stack Developer

surafelzewdu2018@gmail.com | *251-965651110* | *surafel-zewdu.vercel.app*
linkedin.com/in/surafel-zewdu-0ba88b242 | *github.com/surafel-47*

Professional Summary

Full Stack Developer experienced in **Flutter, Vue.js, React** for front-end and **Django, Node.js, Supabase** for backend development, with hands-on experience in **ERPNext customization and deployment**. Skilled at building scalable APIs, real-time systems, and intuitive UIs, focused on delivering **maintainable, reliable software** that improves efficiency and user experience.

Skills

- **Frameworks & Tools**: **Flutter**, Vue 3 (Pinia), **React**.js, **Django**(ORM), **Node**.js (Express), Frappe/ERPNext, **Supabase**, **Git**, Github Actions, CI/CD automations
- **Languages:** Javascript, TypeScript, Dart, Python, SQL
- **Databases:** PostgreSQL, Supabase, NoSQL (MongoDB), SQL Server, SQLite

Work Experience

MMCY Tech   *2025 - present*.
Software Developer

- Developed a **unified** internal **Asset Management system** used across departments for item requests and purchase requisitions, streamlining operations of Asset Movement tracking and marginally improving reporting efficiency.
- Built **automated reports generating over 20+ KPI metrics reports** for the Asset Management Department, enabling **faster, accurate ISO evaluations** and data-driven decision-making.
- Conducted **QA** for the HR system, identifying and resolving **15+ critical bugs and vulnerabilities** and over **40 minor issues**, improving system reliability and security

Ethiopian Road Authority   *2024 - 2025*
Full Stack Developer

- Developed a Heavy Vehicle Axle Load Monitoring and Penalty System deployed in 11 stations nationwide, improving compliance enforcement and reducing overweight violations.
- Built a Road Maintenance Planning and Tracking module, creating a unified platform for survey collection on road damage and severity.
- Generated 35+ reports across regions, enabling detailed tracking of maintenance plans and accomplishments, significantly improving accountability and enforcement compared to the previous Excel-based reporting system.

Rentvoe Property Management (US)   *2024 - 2025*
Lead Developer

- Worked with a US-based startup on modern property management, creating an **SEO-optimized** website that helped attract new clients.
- Built a web-based **Job Application Portal**, enabling talents to apply for open positions efficiently.

Education

HiLCoE College of Computer Science   *2020 - 2024*
Bachelor Degree of Computer Science

- **Major Coursework**: Object-Oriented Programming, Databases, Data Structures & Algorithms, Operating Systems, Computer Networks, Data Mining, Information Retrieval

MMCY Full Stack Dev Bootcamp   *2024 (4 Months)*

- Intensive, project-based training focused on Vue 3, Pinia, Node.js (Express), and MongoDB tech stack

Other Project Works

- **AI-Integrated Classroom Attendance System** *(Flutter | Node.js)*
  Developed a mobile and web-based solution with facial recognition for automated student attendance tracking, including an admin portal for real-time analytics and reporting.
- **City Bus Booking Platform** *(Flutter | OpenStreetMap | Express.js)*
  Built a bus booking system where passengers can view buses along their routes, while bus attendants use location-enabled devices and QR scanners to validate tickets.
- **Legal Advisor Chatbot** *(Python | Node.js | Vue.js)*
  Implemented a RAG-based AI chatbot to answer Ethiopian legal questions, providing users with reliable legal guidance through a conversational interface.