

Robel Gebrehiwot Brhane

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Professional Summary

Full-Stack Developer | 4+ Years of Experience

A resourceful developer specializing in designing and building modern web applications with Vue.js, React, Node.js, and Django, delivering scalable solutions. Expert in RESTful API design, JWT authentication, and cross-platform optimization. Proven ability to design intuitive, visually engaging interfaces including role-based dashboards, dynamic reports, and high-conversion landing pages paired with scalable backend systems.

Technical Skills

Languages	Frontend	Backend	Databases	Tools & DevOps
JavaScript (ES6+)	Vue.js (2/3)/Pinia/Vuetify	Node.js/Express.js	MongoDB	Git/GitHub/GitLab
TypeScript	React/Redux	Django	MySQL	Docker
Python	HTML5/CSS3	RESTful APIs	PostgreSQL	CI/CD (GitHub Actions)
Java	UI/UX	JWT/OAuth	SQLite	Project Management (Jira)
C++	Figma	Microservices	Firebase	Agile/Scrum

Professional Experience

Full-stack Developer | Tekeze Technologies PLC (Mekelle, Tigray, Ethiopia)

July 2020 – September 2024

- Led end-to-end development of 2 enterprise web apps (Sales Management, Indigent Management), reducing manual workflows by 60% and boosting client revenue.
- Designed and implemented real-time analytics dashboards with dynamic reporting features, enabling stakeholders to make data-driven decisions and respond to market trends 50% faster.
- Designed and deployed RESTful APIs with JWT authentication, and achieving 99.9% uptime through robust server optimization and scalable architecture.
- Drove a 30% improvement in operational efficiency through process automation, workflow optimization, and adoption of agile methodologies, reducing redundancies and accelerating project delivery.
- Improved team code quality by 35% via PR reviews and CI/CD pipeline optimization.
- Cut frontend load time by 25% through lazy-loading, and code-splitting.

Key Projects

Phonebook and Messaging Web App

A centralized platform for managing university contacts, featuring real-time messaging to enhance communication among faculty, staff, and students. It includes role-based access, searchable profiles, and privacy controls within a user-friendly, mobile-responsive interface.

Role: Frontend Developer | Tech: Vue.js, Vuetify, Pinia, Spring Boot, REST APIs, MySQL, Git, Jira, Scrum

- Enabled real-time messaging for users, cutting email dependency by 70%.
- Implemented role-based access controls (RBAC) praised by 95% of users.

Sales Management System

A robust application to optimize sales tracking, streamline client management, and enhance inventory control, resulting in improved operational efficiency.

Role: Full-stack Developer | Tech: Vue2, Vuetify, Vuex, Node.js, Express.js, REST APIs, MongoDB, Git, Scrum

- Automated sales tracking for enterprise users, reducing reporting errors by 75% and accelerating quarterly audits by 50%.
- Integrated real-time dashboards for dynamic revenue visualization.

Indigent Management System

A web application system to effectively manage resources and track data for indigent support programs, with a focus on accessibility and ease of use.

Role: Full-stack Developer | Tech: Vue2, Vuetify, Vuex, Node.js, Express.js, REST APIs, MongoDB, Git.

- Automated payment for indigents, reducing reporting errors by 50% and accelerating quarterly audits by 50%.
- Integrated real-time dashboards for dynamic payment visualization.

Digital Equb (Fintech Platform)

A Fintech platform that transforms traditional savings clubs into a secure, web-based system. It combines banking functionality with lottery-style features to create an accessible and efficient saving mechanism.

Role: Full-stack Developer | Tech: React, Redux, Django, Stripe API, Git.

- Digitized traditional savings groups, processing in transactions with 100% data integrity.
- Developed automated lottery system using smart contracts for transparent fund distribution.

Education

B.Sc. Computer Science & Engineering

Mekelle University, Ethiopia | 2014–2019

- CGPA: 3.93/4.0
- Thesis: "Digital Equb (Fintech Platform)"

References

Available upon request. *LinkedIn highlights leadership and technical excellence.*