

KIBROM WELU

FULL-STACK DEVELOPER / DEVOPS ENGINEER

CONTACT

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CMC Michael, Addis Ababa,
Ethiopia

SKILLS

[JavaScript](#), [TypeScript](#), [Java](#)
[Python](#), [C](#), [NodeJS](#),
[ExpressJS](#), [NestJS](#), [VueJS](#) [Pinia](#)
[RabbitMQ](#), [Prisma ORM](#),
[Socket.IO](#), [JWT](#), [MongoDB](#),
[PostgreSQL](#), [MySQL](#), [Swagger](#),
[TailwindCSS](#), [Git & GitHub](#) [GitLab](#)
[CI/CD](#), [Nginx](#), [Micro service](#),
[AWS \(EC2, RDS, ELB, ECS\)](#),
[CloudFront, S3 Storage](#)), [Docker](#)

LANGUAGES

- English (Fluent)
- Amharic (Fluent)
- Tigrinya (Native)

PROJECTS

FarmGrid

Developed a platform for farmers with bulk/auction sales, client sourcing, real-time chat, and distance-based features

Macha

Built a platform with ride requests, real-time tracking, dynamic fares, and admin controls for efficient management.

PROFILE

Full Stack Software Engineer with 2+ years of hands-on experience building robust, scalable web applications. Proficient in Node.js, Vue.js, Laravel, Flutter, MongoDB, MySQL, PostgreSQL, Tailwind CSS, Express.js, and Nest.js, with expertise in designing scalable microservices and deploying cloud-based solutions on AWS. Skilled in implementing CI/CD pipelines for automated deployments.

Collaborative team player and effective communicator with a passion for solving complex problems and adopting emerging technologies. Successfully delivered projects across multiple industries, including agritech, transport & logistics, ride-hailing, EdTech, inventory management, and e-commerce. Experienced in developing real-time features using socket programming to enhance user experience. Dedicated to building innovative solutions and staying up to date with the latest trends in software engineering and web development.

WORK EXPERIENCE

Metnee systems PLC

12/2024 - CURRENT

BACKEND DEVELOPER/DevOps

- Developed and maintained a microservices-based backend architecture using Node.js with Nest.js & Express.js, improving system scalability and performance.
- Designed and deployed cloud solutions on Amazon Web Services (AWS), ensuring high availability and security.
- Implemented CI/CD pipelines to automate deployments, reducing manual errors and accelerating release cycles.
- Collaborated with cross-functional teams to deliver robust APIs and integrate third-party services (e.g. Afro messages, Telegram, Google maps).

Ahaz Platforms

08/2024 - 11/2024

JUNIOR SOFTWARE DEVELOPER

- Designed and optimized scalable backend architectures to support high performance applications.
- Developed mobile applications using Flutter, focusing on responsive and user-friendly design.
- Conducted detailed code reviews to ensure best practices and maintainable codebases.
- Strengthened expertise in backend development and mobile app design while enhancing problem-solving skills, attention to detail, and teamwork in collaborative environments.

PROJECTS

TripFlow

Developed a transport and logistics management application with features for truck, driver, trip, expense, and income management, along with reporting capabilities.

Ahazawi

Contributed to the development of an EdTech platform as both a backend and mobile app developer, building scalable systems and user-friendly mobile features.

Sheqlee

Developed a freelancer workspace platform enabling employers to find and connect with skilled professionals efficiently.

I`daga

Developed a comprehensive e-commerce platform for managing products, users, and transactions efficiently.

Anfet

Developed a service locator application that helps customers find the exact location of companies and reserve products efficiently

Ge`ez sign language recognition

Built an ML-based system enabling sign language communication for the deaf.

RELEVANT COURSES

- Programming in C
- OOP with Java
- Data Structures
- Design and Analysis of Algorithms
- Software Engineering
- Advanced RDBMS
- Cryptography
- Computer Networking & Security
- IT Project Management
- Industrial Management and IT Economics
- IT Entrepreneurship
- Cybersecurity
- Artificial Intelligence
- Machine Learning

Aelaf Technologies

02/2024 - 05/2024

MOBILE APPLICATION DEVELOPER INTERN

- Participated in end-to-end development of mobile applications using Flutter.
- Designed and built intuitive, responsive user interfaces.
- Integrated core functionalities to ensure seamless app performance.
- Optimized app performance for smooth and efficient user experiences.
- Gained hands-on experience in mobile app design and development.
- Strengthened ability to translate user needs into scalable, user-friendly applications

Vite Technologies Pvt Ltd

07/2024 - 10/2024

REMOTE FRONTEND DEVELOPER

- Developed dynamic and responsive web applications using Vue.js and Tailwind CSS.
- Contributed to creating user-friendly interfaces and enhancing user experiences.
- Collaborated remotely with the team to deliver high-quality software solutions

EDUCATION

Mekelle University

10/2017-11/2024

Bachelor of Science in Information Technology

- GPA: 3.98/4.0
- First Class Honours

VOLUNTEERING

Mentor (Volunteer)

2018/2019

- Supported primary and secondary school students at Quiha Primary and Adi-Haqi Secondary through academic tutoring and motivation.
- Assisted in Mathematics, Physics, Chemistry, English, and ICT.
- Guided students in problem-solving and fostered an engaging, supportive learning environment.