

Tekalign Nigatu

Software Developer | Full-Stack Developer

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SUMMARY

With over 5 years of hands-on experience in software development, I specialize in building robust full-stack applications, designing scalable architectures, and integrating web-based solutions. As a Senior Software Developer, I have led and delivered high-impact by combining technical leadership with a deep understanding of modern frameworks and business goals. I'm passionate about driving innovation through clean code, team collaboration, and continuous learning.

EXPERIENCE

Full-Stack Developer

Freelancer

11/2020 - Present Addis Ababa, Ethiopia

- Developed and deployed 10+ company websites and 5+ system solutions, including a full-featured e-learning platform and several mobile applications.
- Delivered custom digital solutions tailored to business needs across various industries.
- Led the full software development lifecycle: from requirements gathering and UI/UX design to backend development, deployment, and post-launch support.
- Built scalable, responsive, and secure applications using technologies like React.js, Flutter, MERN stack (MongoDB, Express.js, React, Node.js), Python, PHP, JavaScript, and RESTful APIs.
- Helped businesses automate operations, improve customer engagement, and expand their digital presence through innovative tech solutions.
- Applied agile methodologies and collaborated closely with clients to ensure timely and efficient delivery.

Software Developer

Ambo University

10/2019 - 06/2025 Ambo, Ethiopia

- Played a key role in the digital transformation of administrative and academic operations by developing over 5 custom software systems.
- Designed and deployed both web applications and solutions integrated with biometric devices to enhance automation, accuracy, and operational efficiency.
- Used a wide range of technologies including PHP, JavaScript, HTML, Python, and relevant frameworks to create systems that replaced manual processes with automated workflows.
- Improved data accuracy, reduced human error, and streamlined resource management across multiple departments through tailored software solutions.
- Developed each solution with a focus on usability, security, and scalability, supporting long-term system sustainability.
- Contributed to modernizing the university's internal systems by aligning development efforts with institutional goals.

EDUCATION

MSc in Computer Science

Ambo University

11/2020 - 07/2023 Ambo, Ethiopia

BSc in Computer Science

Ambo University

10/2015 - 07/2019 Ambo, Ethiopia

LANGUAGES

English
Fluent



Amharic
Native



Afan Oromo
Native



PROJECTS

E-Learning Management System

A full-featured web-based learning platform developed for a private institution, enabling course delivery, assignment tracking, and student performance monitoring.

University Biometric Attendance System

Designed and developed a biometric attendance tracking system integrated with fingerprint devices to automate and secure student and staff attendance at Ambo University.

Mobile Applications (Flutter)

Built several mobile apps using Flutter for services such as event booking, student access portals, and productivity tools with Firebase backend integration.

Company Portfolio Websites (10+)

Developed custom company websites for multiple clients, focusing on responsive design, SEO, and content management.

KEY ACHIEVEMENTS



Built scalable, secure applications

Built using modern technologies such as React.js, MERN stack, Flutter, Python, PHP, RESTful APIs, and more.



Delivered 8+ websites and 5+ system solutions

For various companies as a freelance full-stack developer, including a full-featured e-learning system and mobile apps.



Boosted user engagement

By crafting and designing innovative UI/UX and performance-focused application development.



Mentored and supervised student teams

As IT Team Lead, helping them complete successful tech projects in robotics, web development, and embedded systems.



Organized and led technical workshops

To promote learning, collaboration, and innovation among university students and research members.

SKILLS

MERN Stack, Flutter, JavaScript, React, PHP, React Native, RESTful API, MySQL, MongoDB, PostgreSQL, and Project Management

REFERENCES

Dr. Kuma Gowwomsa : Ambo University

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Mr. Yonas Teshome : Ambo University

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Prof. Bizunesh Mideksa : Ambo University

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