

Tewodros Berhanu

Senior Full-Stack Developer (Frontend-Focused)

 tewodrosberhanu19@gmail.com  +251 947 087 598  Addis Ababa, Ethiopia

 tewodrosberhanu.com  linkedin.com/in/tewodros-berhanu  github.com/tediyo

EXPERIENCE

09/2025 – Present
Maryland, USA

Senior Front-End Engineer (Automation Platforms)

iLearn Technologies - Remote

- Designed and developed frontend interfaces using **Next.js and TypeScript**, improving usability for QA and engineering teams
- Built interactive dashboards to visualize **test execution, API responses, and performance metrics**
- Integrated frontend applications with **REST APIs, Selenium, and Playwright**, enabling real-time test monitoring
- Developed reusable UI components for **scalable automation tools in a microservices environment**
- Collaborated across teams to translate BDD workflows into **user friendly interfaces**
- Contributed to CI/CD pipelines and enhanced efficiency through **AI powered features and automation integrations**

11/2024 – 12/2025
Stockholm, Sweden

Full-Stack Engineer (AI Integration)

Taleema - Remote

- Implemented **LLM based student school matching** with embeddings and ranking logic for smarter recommendations
- Developed **frontend modules** using **React and Next.js** for onboarding, search, analytics, and matching workflows
- Integrated **Groq AI APIs and vector search** to enhance recommendation accuracy and student fit scoring
- Built **automated pipelines** for profile enrichment, data validation, and content generation with custom AI agents
- Optimized **frontend performance and UI responsiveness** for large student datasets
- Collaborated with product, AI, and engineering teams to refine **platform intelligence and scalability**

04/2025 – 11/2025
Addis Ababa

Full Stack | Mobile App Developer

EMG Consulting - Hybrid

Tech Stack: Next.js, React Native, Laravel, Node.js, JavaScript

- Designed and developed **scalable web and mobile applications** with Next.js and React Native, delivering seamless cross-platform user experiences
- Built and maintained **backend services and APIs** using Laravel and Node.js, ensuring modular, secure, and high-performing architectures
- Developed and integrated **RESTful APIs** to enable smooth data flow between mobile apps, web apps, and backend systems
- Implemented **CI/CD pipelines and deployment workflows**, optimizing performance for both web and mobile platforms
- Enhanced **mobile app performance, responsiveness, and offline capabilities** to ensure a high-quality user experience

07/2024 – 12/2024
Addis Ababa, Ethiopia

Front-End Developer

BingetBirr | Binget Groups - On Site

Tech Stack: React.js | Next.js | React Native | Jest

- Contributed to the **Wallet Birr fintech app**, building a **responsive UI with React Native** for seamless iOS and Android experiences

- Developed the **VIA Ride App**, a cross-platform ride-hailing solution with a focus on smooth mobile functionality
- Built an **admin panel with Next.js** for efficient management and monitoring of app data and user interactions
- Collaborated with backend teams to **integrate REST APIs** for real-time updates and dynamic content
- Maintained **code quality and integrity** through unit and integration testing with Jest

04/2024 – 11/2024
Addis Ababa, Ethiopia

Front-End developer

Hance Technologies - Hybrid

Project: Various Enterprise Systems

Tech Stack: React.js | Next.js | React Native | REST APIs | Postman

- Collaborated on **ERP and enterprise system development**, focusing on **intuitive frontend interfaces and seamless user experience**
- Designed and implemented **responsive, reusable UI components** using React.js, Next.js, and React Native for cross-platform applications
- Integrated **REST APIs** to enable dynamic data flow and real-time updates across multiple systems
- Optimized **performance, accessibility, and usability**, enhancing enterprise user experience
- Partnered with backend teams to ensure **smooth frontend-backend integration and data consistency**

09/2023 – 07/2024
Addis Ababa, Ethiopia

Software Developer | Project Coordinator

Game Changers Consulting PLC - On site

Project: Tracer Study System

Tech Stack: JavaScript | Next | PHP | SQL | Jira

- Led development and coordination of the **Tracer Study System** for six federal TVET colleges, collaborating with **EU, GIZ, MOLS, and Game Changers Consulting PLC**
- Designed and implemented **frontend interfaces** to provide a seamless user experience across web platforms
- Utilized **Jira** to manage tasks, track progress, and streamline communication across multidisciplinary teams
- Ensured **smooth integration** between frontend components and backend systems (PHP/SQL)

08/2021 – 09/2023
Bucharest, Romania

Front-End Developer | QA Automation

Zitec - Remote

Tech Stack: React.js | Node.js | Express.js | MongoDB | Tailwind CSS

- Developed **responsive and visually appealing web interfaces** using React.js, enhancing user experience and engagement
- Built **efficient, reusable frontend components** integrated with backend logic for seamless functionality
- Implemented **data-driven features** with Node.js, Express.js, and MongoDB
- Contributed to **QA automation efforts** to support application reliability and maintain code quality
- Optimized **performance, responsiveness, and frontend workflows** across applications

12/2019 – 07/2021
Bucharest, Romania

Junior Fullstack Developer

Zitec - Remote

- **Assisted in developing frontend components** using React.js and supported backend development with Node.js
- **Guided in API integration and data management** using MongoDB and related technologies
- **Collaborated closely with senior developers and cross-functional teams** to implement features and resolve issues

	• Gained hands-on experience in the software development lifecycle and MERN stack technologies • Supported QA and automation tasks to maintain application quality and functionality
10/2018 – 10/2019 Bucharest, Romania	Intern / Learning <i>Zitec - Remote</i>  Tech Stack: JavaScript React.js Java • Assisted in building frontend components with React.js and explored backend development with Node.js/Express.js • Supported data management with MongoDB • Collaborated with teams to learn project workflows and MERN stack development • Gained exposure to manual and basic automated testing using Selenium and QA tools • Developed foundational debugging and problem solving skills

TECH STACKS | TOOLS

JavaScript | React Js | Next Js | React Native | Git | MongoDB | Jest | Node | Nest |
 Java | QA Automation

EDUCATION

10/2018 – 07/2023 Bahir Dar, Ethiopia	Bsc Degree in Software Enginnering <i>Bahir Dor University</i> CGPA 3.82 Relevant Coursework • Data Structure • Algorithms Analysis • Software Development Methodologies • Software Testing Techniques and Metrics. • Software Architecture Design
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COURSES

07/2023 – 04/2024	Project Management Agile Project Management, Google Certified <i>Coursera</i>
08/2022 – 12/2023	MERN Stack Development <i>Hong Kong University of Science and Technology Coursera</i>

PROJECTS

11/2024 – 12/2025	Taleema (AI Based Career Coaching) <i>Next.Js, Python, API integration, AI Agent modification</i>
04/2025 – 11/2025	Super-Eazy Super App <i>React Native, Laravel, Next.Js, Cucumber, Jmeter, Playwright</i> An application having nine different standalone services. from ride hailing up to ecommerces)
08/2024 – 12/2024	VIA Ride <i>React Native Next Js</i> Developed a ride-hailing app for Binget Group.
07/2024 – 11/2024	BINGET Birr <i>React Native Next Js Selenium Appium Newman</i> • Developed a mobile e-money wallet for Binget Group, focusing on providing a seamless user experience and integrating real-time functionalities.

06/2024 – 11/2024	Custom ERP Solutions <i>React Tailwind CSS node Js Selenium Playwright</i> Developed custom ERP solutions for Private enterprises, focusing on enhancing business operations.
02/2024 – 06/2024	Offline and Online Tracer Study Application <i>Php JavaScript SQL Selenium</i> Developed offline MS access and Web application for tracing graduates of six federal polytechnic colleges.: Client: GIZ, TVET Collages
11/2022 – 07/2023	Customizable ecommerce Platform, MERN Stack Developed a Saas e-commerce project targeting multiple companies, designed to enhance online retail capabilities and streamline operations.
06/2021 – 08/2021	Job Recruitment Portal <i>JavaScript, php, Bootstrap</i> Client: Amhara Media Corporation
05/2021 – 06/2021	Offline and Online Chatting app <i>React Node Js MongoDB Test Rail Postman</i> Client: ICT directorate of AMC

REFERENCES

Alemnew Shumiye, *Senior Project Lead*, GIZ Ethiopia & Djibouti
 alexshum19@gmail.com, +251918340358

Alem Wudu, *CEO*, Game Changers consulting plc
 alem@gamechangersconsultingethiopia.org, +251934657421

Lucian Daia, *CTO*, Zitec
 lucian.daia@zitec.com

Florentina Greger, *Chief Talent Experience Officer*, Zitec
 florentina.greger@zitec.com

Mohammad Hussein, *Founder & CEO*, Taleema
 mohammad.hussein@taleema.se

Tesfahun Nurrie, *Lecturer & Researcher*, Bahir Dar Institute of Technology-Bahir Dar University
 tesfahunnurrie16@gmail.com, +251984756896