

Daniel Mesfin

Fullstack developer / Computer Engineer

Addis Ababa, Ethiopia.

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Dedicated full stack developer with a degree in computer engineering, offering a proven track record in designing and developing web and mobile applications. Skilled in managing complex projects with a user base in the thousands. Proficient in implementing machine learning and artificial intelligence into software, enhancing user experiences and system capabilities. Committed to continuous learning, I bring strong problem-solving abilities and a collaborative mindset to dynamic teams, ensuring the delivery of high-quality solutions that drive success.

Skills

- HTML
- CSS
- JavaScript/Typescript
- React.js
- React Native
- Veu.js
- Next.js
- Node.js
- Bootstrap
- Tailwind
- Figma
- Firebase
- MongoDB
- Git
- ML/AI Integration
- User Experience Design (UX)
- Cloud-Based Storage
- Architecture Planning
- Code Versioning
- Cloud Computing
- Requirements Analysis

Work History

Software Engineer | Arezarmada

Remote - October 2023 - Current

- Collaborated with clients to define solution requirements.
- Provided guidance and mentored less-experienced staff members.
- Designed enhancements and updates for subsystems of end-user applications software running on local, networked and Internet-based platforms.

Junior Embedded Software Engineer | Minnovation

Remote - January 2023 - November 2023

- Collaborated with software, firmware and hardware engineers to develop complete embedded solutions.
- Engineered software components for automation hardware such as microcontrollers and sensors.
- Participated in IOT (Internet of Things) development.

Full Stack Developer | UniteCodeX - internship

Hybrid - January 2023 - March 2023

- Worked as a MERN full stack developer, specifically on a SaaS project.
- Converted designs from Figma to functional Next.js code.
- Played a crucial role in testing and maintaining backend services, resulting in a 25% reduction in system bugs.

Frontend Developer at EagleLion - internship

Onsite - March 2022 - June 2022

- Worked as a frontend developer in the design and development of user-friendly financial software for banks and other businesses
- Successfully migrated React apps into a serverless framework, reducing operational costs by 15%.

Education

Bachelor of Science - Addis Ababa Institute of Technology (AAIT) -
Computer Engineering *September 2018 – June 2023*

- Electrical and Computer Engineering

Certificates

- [JavaScript](#)
- [PHP](#)
- [HTML](#)
- [Building Real-time video AI Application](#)
- [Get Started With Deep Learning](#)

Projects

CBE Schools

School fee payment system

- I assisted in the design and development of multiple frontend features, as well as the migration to a serverless React app.
- CBE Schools Streamlined and facilitated monthly recurring transactions of school fees for Commercial Bank of Ethiopia (CBE).

Covid-19 Tracker

Real time data presentation and analysis

- Technical Details of COVID-19 Data Visualization Tool
- Developed with Next.js, TypeScript, Tailwind, Charts.js, and react-leaflet
- Utilizes disease.sh API endpoints to provide reliable real-time data
- Offers insightful analysis based on country and/or continent for COVID-19 distribution worldwide

ShopX

ecommerce - online shopping website

- Shopx is a web-based e-commerce site that offers a broad selection of products and services. It provides a user-friendly interface, robust features, and efficient performance. The website was designed with a responsive interface using Next.js Framework, with key features like a Shopping Cart Demo, Redux for state management, Tailwind CSS for responsive design, and a RESTful API. Technologies used include React.js/Next.js, Redux, Tailwind CSS, and REST API.

Sebl app

Farm Assistant Mobile App

- Sebl Farm Assistant App is an innovative mobile application that leverages artificial intelligence to revolutionize farming practices. Its capabilities include disease detection, cultivation advice, crop yield prediction, weather forecasting, and a community platform. The app's sophisticated algorithms can accurately identify plant diseases, while real-time yield predictions facilitate informed decision-making. Additionally, the app provides a knowledge-sharing community for farmers to benefit from.
- I developed the app using cutting-edge technologies such as React Native, Firebase, Node.js, and Express.js. The app's design and development were spearheaded by me, starting from the ground up.