

ABDI SILESHI WORKU

Software Engineer

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EDUCATION

Adama Science and Technology University (ASTU)

Bachelor of Engineering in Software Engineering

Adama, Ethiopia

Expected July 2026

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, C++, Java
- **Frontend Development:** React.js, Next.js, Material-UI, Tailwind CSS, HTML5, CSS3, ShadCN UI
- **Backend Development:** Node.js, Express.js, RESTful APIs
- **Database Management:** MongoDB, Prisma ORM
- **Tools & Platforms:** Git, GitHub, Postman, Chrome DevTools, Render, Netlify, Vercel

WORK EXPERIENCE

Full-Stack Developer Intern

Ministry of Innovation and Technology, Ethiopia

July 2024 - September 2024

- Developed a scalable real estate website using the MERN stack during a two-month internship
- Spearheaded both frontend and backend development, enhancing UI/UX with React and Material-UI while optimizing backend logic with Node.js and MongoDB
- Delivered a responsive, user-friendly interface that improved user engagement and experience

PROJECTS

- **Ethio Shop** - Built a modern e-commerce platform using Next.js, Tailwind CSS, and Zustand for state management. Integrated Better Auth for secure user authentication and Stripe for seamless payment processing. The app features product search, cart management, and responsive design for an enhanced user experience. ([Live Demo](#)) ([GitHub](#))
- **Real Estate Website** - Developed a modern real estate platform using the MERN stack (MongoDB, Express.js, React.js, Node.js) with features for property listings, search functionality, and user accounts. Implemented responsive design with Material-UI and optimized backend API performance. ([Live Demo](#)) ([GitHub](#))
- **Food Delivery App** - Engineered a responsive food delivery web application using Next.js, leveraging server-side rendering (SSR) and static site generation (SSG), resulting in a 90% faster initial page load time compared to traditional React implementations. Implemented dynamic menu browsing, cart functionality, and secure checkout processes. ([Live Demo](#)) ([GitHub](#))
- **Note-taking Application** - Created a full-stack note-taking app with React frontend, Node.js/Express backend, and MongoDB database. Features include user authentication, CRUD operations for notes, and real-time updates. ([Live Demo](#)) ([GitHub](#))

LANGUAGES

- English - Fluent
- Amharic - Native proficiency
- Oromo - Native proficiency