

Hamza Mahmud

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Professional Summary

Software engineer with 3+ years of experience delivering scalable web and backend systems, known for solving complex technical problems and reducing incident rates. Proven track record optimizing performance, automating workflows, and driving deployment velocity using modern stacks and CI/CD pipelines—resulting in measurable improvements in uptime, response times, and developer productivity for cross-functional teams.

Education

Dire Dawa University
Software Engineering

Dire Dawa, Ethiopia
Sep 2023 — Present

Experience

Front-end Developer
Melaverse

Jun 2025 — Oct 2025

- Implemented responsive, high-performance frontend interfaces, increasing user engagement by 18% and cutting page load times by 40% by translating product designs into optimized React components and coordinating with remote designers and backend engineers to ship features.

Software Engineer
DDU ICT Club

Sep 2025 — Jan 2026

- Mentored students in the ICT club in Dire Dawa University. I helped them learn new skills and improve their existing skills.

Projects

Barbershop booking system | *Next.js, TypeScript, Tailwind CSS, PostgreSQL, Better Auth*

- BookCut — A fast, real-time barbershop booking system

Hanu-boutique | *Next.js 16, React Three Fiber, Tailwind CSS 4, Drizzle ORM, Neon*

- A modern luxury boutique portfolio focused on premium UI, mobile-first design, and elegant visual flow

Yafu Barber | *React, TypeScript, Tailwind CSS, Vite*

- A modern, high-conversion barbershop website built to showcase services, drive bookings, and elevate brand presence

Taskify : Task management system | *Java, SQLite, Android SDK*

- Taskify is a clean, offline-first Android task management app built with Java, Room Database, and MVVM architecture

Skills

Programming language: JavaScript, Cpp, Java, TypeScript, HTML, CSS, Node.js

Framework: Next.js, Tailwind CSS, Express.js

Tools: Firebase, supabase, neon

Database: postgresSQL, MySQL

Awards & Honors

Hackathon Winner
Venture Meda

May 3

Award for SkillSwap: Building the future of online learning held from April 30 - May 3, 2025