

Nanati Asamnew

Software Engineer

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EDUCATION

BSc of Software Engineering

Adama Science and Technology University

03/2021 – 07/2026

Adama, Ethiopia

Developed strong theoretical understanding and practical skills in software design, development, and testing.

Relevant Coursework: Engineering Web Based Systems, Database Systems, Software Architecture and Design, Data Structures & Algorithms, Object-Oriented Programming, Fundamentals of Programming, Operating Systems, Distributed Software Systems, Software Testing and Quality Assurance, Computer Networks.

Software Development & Problem-Solving Program

Africa to Silicon Valley

12/2023 – present

Adama, Ethiopia

- Intensive training mastering Data Structures & Algorithms (800+ LeetCode/Codeforces problems solved: (Leetcode, CodeForces)).
- Now applying full-stack development skills to build "Hakim Hub," a real-world platform improving healthcare accessibility by connecting clinics, therapists, patients, and pharmacies.

PROFESSIONAL EXPERIENCE

Internship

Eskalete

06/2024 – 09/2024

Addis Abeba, Ethiopia

- Developed responsive user interfaces and key features for web applications using Next.js, React.js, TypeScript, and Redux. Collaborated in an Agile team, translating Figma designs into functional components, and improved application performance through various optimization techniques. Utilized Git for version control and integrated front-end applications with RESTful APIs.

SKILLS

Software Development and AI Engineering

- **Frontend:** Next.js, React.js, TypeScript, Framer Motion, Redux Toolkit
- **Backend:** Golang (Go), Node.js (API routes), RESTful APIs
- **Databases:** MongoDB (NoSQL), SQL, MySQL
- **Development Processes & Tools:** Agile, Git/GitHub, Full-Stack Development, Problem-Solving
- **UI/UX Design:** Figma, UX Design
- **AI Engineering:** n8n (AI Agent Development & Automation)

PROJECTS

Change Hub Solutions

Developed Change-Hub's customer-facing website using **Next.js**, enhancing user experience with **Framer Motion** for smooth animations. Implemented a dynamic contact form to facilitate customer inquiries and lead generation.

Tech Stack: Next.js, Framer Motion, TypeScript.

Github: Github Repo

Bank Dash

Developed a full-stack banking app with a **Golang/MongoDB** back-end (auth, accounts, transactions, investments, loans) and a **Next.js/TypeScript/Redux Toolkit** front-end for responsive UI and core banking operations.

Tech: Golang, MongoDB, Next.js, TypeScript, Redux Toolkit.

GitHub: Github Repo

CERTIFICATES

- Africa to Silicon Valley