

Name: Dagmawi Napoleon Bogale

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OBJECTIVE

Innovative software engineer from Addis Ababa specializing in full-stack web development, with a strong foundation in MERN, Next.js, and FastAPI. I build scalable, resilient, high-performance systems with cloud-ready architectures, showcased on my portfolio and GitHub. Experienced in RESTful APIs, user-focused interfaces, and leading Agile delivery with high impact. Passionate about CI/CD, machine learning, and automated testing, with real-world projects and collaboration visible on [My Portfolio](#).

EDUCATION

Bachelors of Science in Software Engineering

HiLCoE School of Computer Science and Technology, Addis Ababa, Ethiopia – 3.75 GPA

Graduating Date – Feb 2026

Relevant Courses – Object Oriented Programming, Data Structures and Algorithm Analysis, Software Design and Architecture, Computer Systems Security, Artificial Intelligence, Computer Networking, Advanced Database Management

WORK EXPERIENCE

Junior Developer, Blue Spark Business Technologies

July 2025 – Present

- Developed backend system using Python FastAPI with SQLAlchemy ORM and PostgreSQL for data management and SvelteKit for a responsive and robust Frontend.
- Created modular RESTful API endpoints for Warehouse and Inventory management with multi-tenant support.
- Designed performance and KPI tracking modules with dynamic timeline filtering.
- Collaborated with frontend team delivering reusable UI components using Svelte Kit framework.

Backend Developer, Spring of Knowledge Academy

Nov 2024 – Feb 2025

- Built scalable backend using FastAPI and PostgreSQL to manage media uploads, content moderation, and real-time site sync.
- Designed custom APIs for gallery and event management, reducing manual content updates by 40%.
- Implemented secure workflows and ensured system reliability with Next.js and Python.

Full Stack Developer, Ethiopia for All Initiative

Oct 2024 – Jan 2025

- Led backend development and integration for the platform using Node.js, Express, and React.
- Integrated Chapa payment gateway for secure online transactions.
- Adapted to changing client requirements ensuring robust, maintainable code.

SKILLS

- **Front End:** Next, React, Svelte, Svelte Kit, Java, JavaScript, TypeScript, TailwindCSS, HTML, CSS, Bootstrap, Framer
- **Back End** – Python, FastAPI, Node, Express, Firebase, BetterAuth, ASP.NET, Postman
- **Database** – MongoDB, SQL, SQLite, PostgreSQL
- **Tools, DevOps and Others:** Github, CI/CD, Docker, Figma, RESTful API, Selenium, Agile Methodologies, Automated Testing, Enterprise Systems, SEO optimization techniques
- **Operating Systems** – Windows, Linux
- **Soft Skills** – Communication & Collaboration, Adaptability, Problem Solving, Analytical Thinking, Details Oriented

PROJECTS

Gojo Getaways | Vacation Home Management & Booking Ecosystem

- Built a web application enabling Ethiopian property owners to list and manage rental homes. Developed using MERN stack, featuring JWT user authentication, property management dashboard, Hotel booking integration, and integrated payment workflow.

StreamSynx | Virtual movie streaming platform | [View Demo](#)

- Created a synchronized movie-watching experience for remote users. Integrated TMDB API for movie data and built host-controlled playback features using Next.js with server-side rendering.

Chewata Chat | Instant Messaging App with WebSocket Integration | [View Demo](#)

- Full-stack, real-time chat application that enables users to login and exchange messages (text and images) with friends. Built with a sleek and responsive UI along with real-time chatting using MERN stack together with Socket.io.

Testing Auth | Secure Notes & Auth Testing App | [View Demo](#)

- Implemented user authentication with JWT, notes and state management using Zustand, and automated test scripts using Selenium.

REFERENCES

Mr. Addis Hailu || MSc in Computer Science || PhD in Information Technology

Lecturer at Kotebe University of Education, Ambo University, and Arba Minch University

Email – adica2001@gmail.com

Relationship – Lecturer

Mr. Animaw Kerie || MSc, Doctoral Candidate

Cyber Security Head, Lecturer at Addis Ababa Science and Technology University, HiLCoE

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Relationship – Lecturer