

# Name: Dagmawi Napoleon Bogale

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## OBJECTIVE

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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

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### 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

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### 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

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- **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

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### 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 Socker.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

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### 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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