Mihretab Nigatu Afework

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Website: https://mih-nig-afe.github.io/ 📍 **Address:** Addis Ababa, Ethiopia (other) 📍

Address: Hawassa, Ethiopia (Home)

ABOUT MYSELF

I am a passionate technology enthusiast and software engineer with hands-on experience in web development, full-stack application design, and AI/ML integration. As a university student, I have combined academic learning with practical, real-world projects, including developing **Wiz Aroma Food Delivery**, a complete end-to-end platform where I designed and managed the backend, frontend, database, and automation systems.

My technical journey began with programming languages such as **HTML, CSS, JavaScript, and Python**, and has grown to include modern frameworks like **React, Vue.js, and Angular**, allowing me to create scalable, user-friendly applications. Beyond web development, I have actively explored **AI and machine learning**, developing personal projects such as **social vision and facial recognition systems**, integrating AI/ML models to deliver intelligent, real-world solutions.

I thrive at the intersection of innovation and problem-solving, with experience in leading development teams, coordinating projects, and delivering impactful software solutions. I am motivated by challenges, committed to excellence, and eager to apply my skills to projects that push technological boundaries and create meaningful impact.

As I continue my academic and professional journey, I am focused on deepening my expertise in **AI/ML, software engineering, and full-stack development**, and I am confident in my ability to contribute effectively to teams and deliver high-quality, innovative solutions.

WORK EXPERIENCE

Wiz Aroma Food Delivery - Ethiopia, Adama
Lead Developer & Systems Architect

[12/03/2025 - Current]

I worked as the sole software engineer behind **Wiz Aroma Food Delivery**, where I designed, developed, and managed the entire system from idea to production. My role covered full-stack development, including backend services, database design, API development, and Telegram bot integration for customers, admins, and finance operations, as well as order processing and payment tracking. I was responsible for system architecture, deployment, environment configuration, debugging, security, and continuous improvement, ensuring the platform operated reliably and was scalable for real-world use.

- Designed and developed the **end-to-end food delivery platform**, covering customer, restaurant, and delivery workflows
- Built and maintained **backend services and APIs** for order management, user authentication, payments, and notifications
- Developed and managed **Telegram bot–based ordering system**, including admin, finance, and customer bots
- Implemented **real-time order processing**, status tracking, and automated order rebroadcasting to

vendors and riders
- Designed **database schemas** and handled data storage, validation, and optimization
- Integrated **payment handling and financial tracking** for orders and commissions
- Managed **deployment, environment configuration, and production setup** (cloud hosting, environment variables, logging)
- Implemented **security best practices**, access control, and admin management
- Debugged, optimized, and continuously improved system performance and reliability
- Led the project from **concept, architecture, and development to production readiness**

ATMA Oxygen Manufacture - Ethiopia, Hawassa
Web & Database Systems Developer (Intern)

[01/08/2023 - 02/2024]

During my internship at **ATMA Oxygen Manufacturing**, I played an integral role in the development and enhancement of a centralized website and database system designed to optimize operational workflows. I contributed to building and managing a real-time data infrastructure that improved accessibility to production and operational information, enabling faster decision-making, increased efficiency, and reduced production time and operational costs. My responsibilities included database administration, system integration, data reliability, and ongoing optimization to support daily business processes. Through this experience, I demonstrated a strong commitment to technical excellence, process improvement, and the practical application of innovative database and web technologies in an industrial environment.

Turbo Driving Training Center - Ethiopia, Hawassa
Software & Database Systems Developer (Intern)

[01/05/2023 - 30/07/2023]

During my internship at **Turbo Driving Training Center**, I contributed to the center's digital transformation by designing and implementing software solutions that streamlined operations and enhanced user experience. I developed a **user-friendly appointment booking system** that facilitated seamless scheduling for instructors and students, while also creating a **comprehensive database** to efficiently track student progress and performance. Despite limited formal training, I applied strong problem-solving skills, technical knowledge, and innovative thinking to deliver practical, reliable systems that improved operational efficiency. This experience reinforced my expertise in software engineering, database management, and system development, and strengthened my ability to take ownership of end-to-end projects in real-world environments.

Rose Liquor Store - Ethiopia, Hawassa
Web Developer & E-Commerce Systems Administrator

[01/10/2023 - 30/11/2023]

I worked at **Rose Liquor Store** in a technical role where I managed the store's digital systems and served as the web developer responsible for a full e-commerce solution. I designed and implemented a comprehensive platform that enabled customers to browse products, place orders, and track their purchases, while also allowing the business to manage inventory, update stock data, and monitor sales efficiently. My role required end-to-end system management, including database handling, workflow optimization, and ensuring reliability and ease of use for both customers and staff. This experience strengthened my ability to deliver practical, scalable digital solutions for real-world business operations and demonstrated my capacity to take ownership of complex systems independently.

Saint Daniel Comboni Senior Secondary School - Ethiopia, Hawassa
Team Lead & Web/Systems Developer

[02/09/2019 - 25/08/2023]

I joined **Saint Daniel Comboni Senior Secondary School** in 2019 and made sustained, high-impact contributions across technology, innovation, and academic excellence. I designed and developed the school's official website, significantly improving its digital presence, accessibility, and public engagement. I also built and

maintained an internal circuit system database that streamlined administrative workflows, improved data management, and increased operational efficiency. Beyond infrastructure, I played a critical role in research, problem-solving, and software development activities, which directly contributed to our school's **victory in the 2023 Science and Technology Competition**. These experiences reflect my strong coding skills, leadership, and commitment to delivering practical, high-quality technological solutions in real-world environments.

EDUCATION & TRAINING

Computer Science

Infolink University College [08/03/2025 - Current]

City: Hawassa │ **Country:** Ethiopia

Website: https://infolinkuniversity.edu.et/ │ **Field(s) of study:** Information and Communication Technologies: • Information and Communication Technologies (ICTs) not further defined • Software and applications development and analysis • Database and network design and administration • Information and communication technologies not elsewhere classified • Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs) │ **Final grade:** 3.78 │ **Number of credits:** 20

Freshman

Adama Science and Technology University [04/12/2023 - 09/02/2025]

City: Adama │ **Country:** Ethiopia

Website: https://www.astu.edu.et/ │ **Field(s) of study:** Information and Communication Technologies: • Software and applications development and analysis • Database and network design and administration • Information and Communication Technologies (ICTs) not further defined │ **Final grade:** 3.2 │ **Number of credits:** 19

High School

Saint Daniel Comboni Senior Secondary School [12/09/2019 - 13/06/2023]

City: Hawassa │ **Country:** Ethiopia

Field(s) of study: High-school: │ **Final grade:** 96.4

LANGUAGE SKILLS

Mother tongue(s): Amharic

English
LISTENING: C2 **READING:** C2 **WRITING:** C2
SPOKEN PRODUCTION: C2
SPOKEN INTERACTION: C2

SKILLS

Git | Github | Linux

Database
SQL | MySQL | PHP | MongoDB | DataBase Sql Server

Web-Development
Javascript(Nodejs, ExpressJs) | UI/UX Designing and Management | CSS | JavaScript | Bootstrap | React | HTML5 | Node.Js, React.Js | Visual Design | Web Designing and Development | Figma & Sketch | web programming

Back-End
C++ | Object-Oriented Programming | Python | use software libraries | project management | analyse software specifications | Telebot | Artificial Intelligence frameworks: Caffe, Darknet, YOLO