

YEABSIRA MESFIN

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| [LinkedIn](#) | [Portfolio](#)

SUMMARY

Full-stack software engineer with experience building scalable web applications, backend APIs, and database-driven systems. Proven record of growth through multiple promotions, client-facing leadership, and hands-on development. Currently pursuing an M.S. in Cybersecurity with a strong foundation in secure and reliable system design.

Technical Skills

Languages: Python, JavaScript, Java, C#, C++

Frontend: HTML, CSS, React, Next.js, Tailwind CSS, TypeScript

Backend: Node.js, Express.js, RESTful APIs

Databases: MySQL, MongoDB

AI and Data: Machine Learning Fundamentals, Data Analysis with Python, Model Integration, Prompt Engineering, API Based AI Services.

Tools: Git, GitHub, VS Code

Experience

February 2022 – August 2025

MMCY, Addis Ababa - *Web Developer / Client Success Advisor / Account Manager / Team Lead*

- Built and maintained 50+ full-stack web applications using HTML, CSS, JavaScript, React, Node.js, Express, and RESTful APIs.
- Developed backend services for authentication, data processing, and business logic with MySQL and MongoDB.
- Integrated AI-powered features using API based AI services to automate workflows, enhance user interactions, and support data-driven functionality.
- Progressed through three promotions based on performance, expanding responsibilities from development to client ownership and team leadership.
- Led cross-functional teams and managed multiple projects simultaneously, contributing to a 30 percent improvement in client retention.
- Acted as primary technical and business point of contact for 10+ clients, translating requirements into scalable solutions.
- Diagnosed and resolved frontend and backend issues using structured troubleshooting and root cause analysis.

July 2023 – September 2024

iCog, Addis Ababa – *Coding Instructor*

- Taught foundational programming concepts using HTML, CSS, and JavaScript to students aged 7–14 through hands-on, project-based learning.

- Designed and delivered structured, age-appropriate lesson plans covering web structure, styling, and basic programming logic.
- Guided students in building simple websites and interactive mini projects, strengthening problem-solving and logical thinking skills.
- Adapted instruction to different learning levels to maintain engagement, inclusivity, and consistent learning outcomes.
- Mentored students to build confidence in technology and develop early interest in computer science.

Personal Projects

TouristTrail

- Location-based platform for discovering nearby attractions and activities.
- Focused on usability and responsive UI.
- Built as a React-based application.

Live demo: <https://places-to-visit-pied.vercel.app/>

ShopEase

- An online shopping platform that simplifies browsing, cart management, and product reviews.
- Emphasized user-friendly navigation and a smooth shopping experience.

Live demo: <https://shopping-lime-omega.vercel.app/>

TaskFlow

- A project management platform that allows users to create projects, manage tasks, and track workflows.
- Focused on clarity and usability to support efficient task organization.

Live demo: <https://project-managment-ten.vercel.app/>

AI Study Planner

- AI-powered mobile application that converts course syllabi into structured, actionable study plans using backend processing and AI generation.
- Implements authentication, real-time task synchronization, progress tracking, and calendar export for a seamless planning experience.

Private repository available upon request

Education

August 2025 – Expected May 2027 | GPA: 3.9

The George Washington University, DC, M.S. in Cybersecurity (Computer Science)

August 2019 – July 2022 | GPA: 3.82

Microlink Information Technology College, Addis Ababa, B.S. in Computer Science