



# Tesfamichael Abebe

## Full stack Web Developer

I am 3rd-year Bachelor of Science in Software Engineering student of Addis Ababa University with hands-on experience in full-stack web development. Profound skills in React, Next.js, NestJS, as well as modern developer tools like Vite, Firebase, and Cloudinary. Deep understanding of SDLC, Agile development principles, and backend API architecture with JWT authentication and database integration (MongoDB/PostgreSQL). Previous experience as a team leader with large-scale academic projects with passion for creating clean, maintainable, and user-first applications. Presently seeking internship positions with opportunities for impact-driven projects and learning an open engineering culture.

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### CONTACT INFO

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📍 **Addis Ababa, Ethiopia**

### EDUCATIONAL BACKGROUND

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BSc in Software Engineering  
Addis Ababa University | 2023 – Present

### WORK EXPERIENCE

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### RELEVANT COURSES

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- Mobile Application Development (Android Studio, Kotlin)
- Full-Stack Web Development (React, Node.js, NestJS)
- Operating Systems (C Programming, Process Management)
- Fundamentals of Artificial Intelligence
- Fundamentals of Cyber Security
- Computer Graphics
- Data Structures & Algorithms
- Software Engineering Principles
- Database Systems

### PROFESSIONAL SKILLS

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- Frontend: React, JavaScript, HTML, CSS, Tailwind
- Backend: Node.js, NestJS, Express.js
- Database: MongoDB, PostgreSQL, MySQL
- Tools: Git, GitHub, Postman, Figma, Firebase

### EDU WAVE (NESTJS + MONGODB)

A Google Classroom-inspired platform featuring course management, flashcards, note-taking tools, and role-based access for students, teachers, and admins.

Built the backend from scratch using NestJS  
Designed a flexible course enrollment and note system  
Implemented JWT-based authentication

### KNOWLEDGE PLAYLIST WEB APP

A personal learning path platform designed to help users organize, track, and complete tech tutorials, videos, and articles.

Users can build “playlists” of curated resources (like courses, articles, and YouTube tutorials)  
Features resource progress tracking and timeline analytics  
Aims to help learners overcome tutorial hell and stay focused  
Built using modern frontend tools and free deployment services