AHMED MAHMUD ABTEW

FULLSTACK DEVELOPER

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PROFESSIONAL SUMMARY

A Fullstack developer with hands-on experience, passionate about building scalable, secure, and efficient APIs. Skilled in RESTful API design, database management, and cloud-based deployments. Strong problem-solver with a solid foundation in software engineering principles and team collaboration.

EDUCATION   May 2022 - June 2025

Bsc in Computer Science

Haramaya University │ CGPA: 3.40/4

Relevant Course Works

Web Programming, Data Structures & Algorithms, Database Systems, Object-Oriented Programming (OOP), Software Engineering, Artificial Intelligence, Mobile App Development.

SKILLS

- **Programming Languages:** JavaScript, PHP, Python, C#, C++
- **Front-End:** React, Nextjs TypeScript, HTML, CSS, Bootstrap, Tailwind CSS, Shadcn
- **Back-End**: Node.js, Express.js, FastAPI
- **Databases**: MySQL, PostgreSQL, MongoDB
- **Version Control & tools**: Git, GitHub, Docker, Postman, AWS, Vercel, Workflow(n8n, Inngest)
- **Other Skills:** RESTful APIs, Authentication (JWT, OAuth, Better Auth), Role-Based Access Control, CI/CD

EXPERIENCE

Nile Tech Solutions Backend Developer Intern   Nov 2024 – April 2025
- Built and maintained RESTful APIs and React-based interfaces for a public safety reporting system.
- Contributed to authentication and role-based access implementation.

Ministry of Innovation and Technology (MinT) Intern - Web Developer   July 2024 – September 2024
- Collaborated in developing a Record Management System using PHP and MySQL, improving document access and digital workflow efficiency.
- Participated in backend API development and frontend integration in an Agile team.

KEY PROJECTS

Signalist - AI-powered stock market app (Next.js, Inngest, MongoDB, ShadCN)
- Implemented core features including live stock dashboards (line + candlestick charts), intelligent search, watchlists, email alerts, and AI-generated market summaries.
- Designed an event-driven architecture with Inngest for scheduled tasks, automated price updates, daily summaries, and earnings notifications, improving system reliability and scalability.

Resumind - AI Powered Resume Analyzer (React, TypeScript, Puter.js, Zustand)
- Developed a full-featured resume analysis platform using React and Puter.js, supporting secure authentication, resume upload, and cloud storage workflows.
- Implemented AI-driven resume evaluation, generating analysis scores and tailored improvement feedback to match candidates with job requirements.

Public Safety System (Node.js, Express.js, PostgreSQL, React)
- Developed backend system for a real-time incident reporting platform.
- Created and documented API endpoints for user reports, evidence submission, and admin dashboards.
- Implemented JWT-based authentication and role management for different user levels.

Restoran (Restaurant Management System) Laravel, MySQL, Bootstrap
- Developed and maintained backend modules for menu, orders, reservations, and staff management.
- Built secure RESTful APIs with Laravel for order processing and data exchange.
- Integrated PayPal payment gateway for online transactions.