Fuad Mohammed

FullStack Developer

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○ GitHub

PROFILE

Motivated senior software engineering student passionate about problem-solving and data science. A proven group leader, having led multiple class projects to completion and looking for more opportunities to grow as a software engineer.

EDUCATION

Competitive Programming   10/2023 – present
Africa To Silicon Valley (A2SV) coding Academy 🔗   Addis Ababa, Ethiopia
  - A2SV upskills high-potential African students, connects them with top tech companies, and creates digital solutions to urgent problems in their home countries.
  - A2SV students have achieved a 70% (31/44) success rate in 2022 at Google Software Engineering interviews.

Bachelor of science in software Engineering   01/2022 – 09/2026
Addis Ababa University 🔗   Addis Ababa, Ethiopia
  - **Relevant Coursework:** Data Structures and Algorithms, Distributed Systems, Operating Systems, Object-Oriented Design

PROFESSIONAL EXPERIENCE

Full Stack Developer   04/2024 – 06/2024
Pharmaceutical Distributor 🔗   Addis Ababa, Ethiopia
  - Developed a full-stack website using HTML, CSS, JavaScript, and Express.js, significantly enhancing the company's digital presence.
  - Implemented Strapi CMS and integrated Google Analytics, streamlining content management and providing actionable insights, which led to a 30% increase in customer engagement.
  - Deployed the website on DigitalOcean, ensuring high availability and robust performance, boosting online sales and improving customer satisfaction.

Full-Stack Developer   06/2023 – 04/2024
NEO AI 🔗   Adama, Ethiopia
  • Engineered robust web applications with, React, C#, and ASP.NET, ensuring seamless functionality

  • Implemented Containerization: Utilized Docker for containerization, enhancing deployment consistency and scalability.

Team Lead & Developer   11/2023 – 01/2024
Artai Amharic Spell Checker 🔗   Addis Ababa, Ethiopia
  - Led the development of the Artai Amharic Spell Checker, including a Chrome extension, to enhance writing accuracy with real-time spell-checking capabilities.
  - Implemented features such as automatic detection, real-time correction, and smart suggestions, significantly improving user efficiency.
  - Utilized advanced algorithms and a vast vocabulary database to provide unparalleled accuracy, empowering users to write confidently in Amharic.

PROJECTS

Library Management System 🔗   06/2024 – 07/2024
Back-End
  • Implemented core features like book cataloging, user management, borrowing/returning, and reservations with robust RESTful APIs using .NET 8, ASP.NET Core Identity, and Entity Framework Core.

- Integrated Hangfire for background jobs, Serilog for logging, and an email notification system to keep users informed.

Finance Stock 🔗
03/2024 – 04/2024

Back-End

- Developed and maintained the backend using ASP.NET and MySQL, implementing JWT-based authentication, user management features, and comprehensive API documentation with Swagger.

- Utilized a well-structured folder hierarchy to organize controllers, data access, interfaces, repositories, and services, and configured database connections with Entity Framework Core for efficient and scalable data management.

AAU Connectify 🔗
04/2024 – 06/2024

Front-End

- Developed a centralized platform for the Addis Ababa University (AAU) community to enhance communication and event discovery, aimed at creating a connected campus environment.

- Utilized Flutter with Bloc for state management and go_route for routing while implementing Domain-Driven Design (DDD) architecture, featuring authentication, user registration, role assignment, admin announcements, and commenting functionalities.

SKILLS

HTML	████████████	CSS	████████████
React	████████████	Python	████████████
C#	██████████░░	ASP.NET	███████████░
Flutter	█████████░░░		