



TESFAYE TADESSE

Software Developer

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ABOUT ME

Software Developer with nearly 3 years of experience building scalable, clean, and maintainable web applications. Strong backend focus using ASP.NET Core, REST APIs, SQL, and Clean Architecture (SOLID), with hands-on experience developing responsive frontends using React, Next.js, and Tailwind CSS. Experienced in authentication & authorization, performance optimization, and CI/CD pipelines.

SKILLS

Backend: ASP.NET Core, EF Core, REST APIs, Clean Architecture

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

Tools: Git, Docker, GitHub Actions, Postman

Database: PostgreSQL, MySQL, Redis

EDUCATION

BSc in Software Engineering

Jimma University | 2018 - 2022

CGPA: 3.79

EXPERIENCE

Junior Software Developer

04/2023-11/2025

AppDiv Systems, Addis Ababa

- Built and maintained scalable REST APIs using ASP.NET Core, EF Core, and Clean Architecture.
- Implemented RBAC, 2F Authentication, and activity workflows to improve system security.
- Integrated Redis caching and Elasticsearch, improving API performance and search efficiency.
- Designed and optimized database schemas, stored procedures, and functions to reduce query latency.
- Performed API testing (Postman) and load testing (JMeter), fixing defects and improving system stability.
- Implemented CI/CD pipelines with Docker and GitHub Actions.
- Collaborated with cross-functional teams using Azure Boards to deliver features on schedule.

PROJECTS

Civil Registration System (CRS)

- ASP.NET Core, EF Core, Clean Architecture, MySQL, Redis, CouchDB**
- Developed a civil registration platform supporting vital event registration, role-based authorization, approval workflows, background jobs, and real-time messaging. Live in a local network.

Employment System

- ASP.NET Core, EF Core, Clean Architecture, MySQL**
- Applicants registration, User management, process tracking
- Github: github.com/ttadesse627/smartagency

Inventory Management System

- API:** ASP.NET Core, EF Core, Clean Architecture, PostgreSQL
- UI:** Next.js, Tailwind CSS
- Live: <https://temporal-warehouse.vercel.app>