Dawit Zeleke

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PROFILE

Innovative Software Engineer with 4+ years of experience designing, developing, and deploying applications. Proficient in backend development and team leadership, which helped me solve real-life problems and make meaningful contributions.

PROFESSIONAL EXPERIENCE

FullStack Developer, *CodeLinden* 🔗   May 2025 – Aug 2025 | Brisbane, Australia
- Developed booking system with **PHP**, **JavaScript**, **Jest**, and **ScyllaDB** focusing on migration and testing.
- Migrated **3,000+** lines of PHP to JavaScript, preserving complex booking logic and functionality.
- Implemented Jest with **25+** unit tests to improve reliability and testing.
- Exposed **20+** booking methods via HTML for easier manual testing.

Software Development Team Lead, *AAiT Innovation Center* 🔗   Jan 2025 – Jun 2025 | Addis Ababa, Ethiopia
- Led backend development for an interactive e-learning platform (**Cognify** 🔗) using **ASP.NET Core, MongoDB**, etc.
- Built a **recommendation system** to suggest content based on students' past performance.
- Delivered **100%** integration and automation testing with secure, role-based access for all user roles.

Backend Developer Intern, *Xceltech Solution* 🔗   Mar 2024 – Jun 2024 | Addis Ababa, Ethiopia
- Developed backend services for a Human Resource Management System using **.NET Core**.
- Implemented **test driven development**.
- Used **Docker** for containerization, ensuring consistent environments and seamless multi-platform deployment.

Software Engineer, *Africa to Silicon Valley* 🔗   Feb 2023 – Oct 2023 | Addis Ababa, Ethiopia
- Gained proficiency in **Flutter**, **Figma**, and **project management tools**, and successfully designed **14** app pages.
- Designed **25%** of the UI from Figma, enhancing visual quality and user experience.
- Solved **600+ problems** on Leetcode and Codeforces using Python.

PROJECTS

Football Analysis, *A Football Analysis System* 🔗   Oct 2024 – Nov 2024
- Created a player detection and tracking system using **Python**, achieving precise identification of **22** players.
- Trained a custom detector with **100 epochs** in just **2 hours**, significantly enhancing model performance.

HRMs, *A Human Resource Management System* 🔗   Mar 2024 – Jun 2024
- Developed an HR system using **ASP.NET Core**, collecting **50%** of requirements via stakeholder collaboration.
- Verified **15** endpoints, resolving critical issues to boost API reliability and ensure smooth testing.
- Completed **30%** of the backend implementation, contributing significantly to the application's core functionalities.

TECHNICAL SKILLS

Languages: Python *(Advanced)*, C# *(Advanced)*, Java *(Advanced)*, JavaScript/TypeScript *(Intermediate)*, PHP *(Intermediate)*.
Developer Tools: Linux *(Advanced)*, Git/GitHub *(Advanced)*, Docker *(Intermediate)*.
Technologies/Frameworks: ASP.NET Core *(Advanced)*, React.js *(Intermediate)*, Express.js *(Intermediate)*, AWS *(Familiar)*.
Databases: MongoDB *(Advanced)*, MySQL *(Intermediate)*, PostgreSQL *(Intermediate)*, ScyllaDB *(Familiar)*.

EDUCATION

BSc in Software Engineering, *Addis Ababa University* 🔗   Jul 2021 – Jun 2025
- **Relevant Courses** - Data Structures and Algorithms, Web Development, Mobile Application Development, Operating System, Object Oriented Programming, Database Systems, Fundamentals of AI and Cyber security.

AWARDS

Certificate of Excellence - National Examination 🔗   Apr 2021
- Recognized as a **top 0.08%** performer out of over 338,528+ students in 2021.