

# Dawit Zeleke *Software Engineer*

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🔗 LeetCode

## EXPERIENCE

**Backend Developer Intern**, *Xceltech Solution* 🔗

03/2024 – 06/2024

- Developed backend services for a Human Resource Management System using **.NET Core**.
- Implemented **test driven development** and completed **30%** of the backend implementation.
- Integrated **Docker** for containerization, enabling consistent environments and simplified deployment across multiple platforms.

**Software Engineer**, *Africa to Silicon Valley* 🔗

08/2023 – 10/2023

- Trained with and used Flutter, Figma and project management tools to a proficient level.
- Directly interfaced with the Mobile team to verify and participate in the implementation of a **Blog App** 🔗 .

## EDUCATION

**BSc in Software Engineering**,

08/2021 – present

*Addis Ababa University (Best University In Ethiopia)* 🔗

- **Relevant Courses** - Data Structures and Algorithms, Web Development, Mobile Application Development, Operating System, Object Oriented Programming, Database Systems, Fundamentals of AI and Cyber security.
- Graduating in July, 2025.

**Coding Academy**, *Africa to Silicon Valley (Backed by Google)* 🔗

02/2023 – 10/2023

- Up-skills high-potential African Students, connects with top Silicon Valley companies and creates digital solutions to urgent problems in the home countries.
- **50+ students** were placed in top tech companies such as **Google**, Bloomberg, Palantir in the last 5 years.
- solved **500+ problems** on Leetcode and Codeforces.

## PROJECTS

**Horizon**, *A Financial SaaS Platform* 🔗

08/2024 – 10/2024

- A Next.js application that connects multiple bank accounts, displays real-time transactions, and facilitates fund transfers between users.
- Implemented ultra-secure SSR authentication with robust validation and authorization.
- Integrated Plaid for multi-bank account linking and Dwolla for secure fund transfers.

**Football Analysis**, *A Football Analysis System* 🔗

10/2024 – 11/2024

- A detection and tracking system built using Python.
- Trained a custom detector with **100 epochs in Google Colab** for improved accuracy.
- Implemented **KMeans clustering** for pixel segmentation, assigning players to teams based on t-shirt colors, and used **optical flow** to analyze camera movement.
- Applied **perspective transformation** to calculate player movements in meters, measuring **speed** and **distance covered**.

**Workout Warrior**, *A Gym Tracking App* 🔗

03/2023 – 2023

- A mobile application built with Flutter that serves as a fitness management and tracking tool for gym members and personal trainers.
- Executed comprehensive **unit, widget, and integration tests**.
- Completed **80%** of the **unit tests**.

## TECHNICAL SKILLS

**Languages:** Python, Java, C#, Dart, HTML/CSS, JavaScript, MySQL, MongoDB, PostgreSQL, Golang, TypeScript.

**Developer Tools:** Git, GitHub, Maven, Docker, Swagger, Google Colab, Figma.

**Technologies/Frameworks:** Linux, React.js, Next.js, Express.js, Flutter, .Net, Servlet, OpenCV.

## CERTIFICATES AND AWARDS

**Certificate of Excellence - National Examination**

10/05/2021

- Recognized as a **top 0.08%** performer out of over 338,528+ students in 2021.