

ABDI ESAYAS

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Skills

Programming Languages and Databases

Python, JavaScript, Golang, C++, Java, PostgreSQL, MongoDB, MySQL, Redis

Frameworks and Tools

FastAPI, Django, Node.js, Gin, Docker, Next.js, React.js, Laravel, Kubernetes, PyTorch, TensorFlow, Jenkins, CI/CD, AWS (EC2, S3, EKS)

Professional Experience

Freelance Software Engineer | Upwork Top Rated Plus (Top 3%), Upwork [06/2025 – Present](#) | Remote

- Solved **23 real-world client problems**, delivering production-grade solutions for startups and small businesses across backend, frontend, and automation domains.
- Technologies:** Python, FastAPI, Django, Node.js, React, Next.js, PostgreSQL, Docker, AWS, n8n, make.com [06/2025 – Present](#)

Backend Developer, Eskalate [06/2024 – 09/2024](#) | Ethiopia

- Engineered a **Go REST API** using **Clean Architecture**, reducing average response time by **15% (from 120ms to 102ms)** through **Goroutines** for concurrent processing and **PostgreSQL query optimizations**, including indexing and connection pooling.
- Technologies:** Golang, PostgreSQL, Docker, CI/CD, Testify, Clean Architecture, Cron Job, JWT

Software Engineer (Remote), AuraSpot [02/2024 – 08/2025](#) | United Kingdom

- Optimized database queries for a **50k+** user platform, reducing average query execution time by **32.12%** and cutting AWS deployment time by **26%** by streamlining **CI/CD** workflows with caching and parallel builds, while building responsive and efficient user interfaces using **React**.
- Technologies:** Django, PostgreSQL, AWS, Docker, CI/CD, React, Redis, Celery

Backend Developer & Automation Engineer, Malama Funding [08/2024 – 09/2025](#) | United States

- Developed a lending platform integrating AI-powered document verification for KYC, automated workflows, and secure user management, while streamlining backend services and orchestration with containerized deployments.
- Technologies:** FastAPI, Docker, LangChain, LangGraph, n8n

Projects (Hackathons)

Breast Cancer Classification Using Machine Learning [09/2024](#)

- Used a logistic regression model to classify breast tumors as **benign (non-cancerous)** or **malignant (cancerous)** using the Breast Cancer Wisconsin (Diagnostic) Dataset, achieving a **33% improvement** in diagnostic accuracy compared to traditional methods used by doctors, thereby enhancing early breast cancer detection.
- Preprocessed data by normalizing features and applying feature selection techniques using **Scikit-learn** and **Python** to enhance model performance, leading to more accurate and consistent tumor classification results.

Education

Adama Science and Technology University (ASTU) [02/2021 – 06/2026](#) | Adama, Ethiopia

Software Engineering, BSc

- Coursework:** Algorithms, Advanced Distributed Systems, Database Design, Cloud Computing

Africa to Silicon Valley | A2SV - Backed by Google [01/2024 – 2025](#)

Competitive Programming and Coding Academy

- Solved **1000+** competitive programming problems on **LeetCode** and **Codeforces**.
- Gained experience in **real-world project development** and **interview preparation**.

Leadership and Extracurricular

CSEC ASTU [04/2024 – present](#), Head of Competitive Programming

Led **15+** weekly coding sessions and organized **3 inter-university hackathons**, expanding and strengthening the competitive programming cohort.

Awards and Certifications

A2SV Hackaton Semi Finalist [04/2024](#) || ALX Software Engineering Certificate [04/2024](#) || Evangadi MERN stack Development Bootcamp [04/2024](#) || Top 0.00001 % Result in Grade 12 national Exam