

# Abdulmajid Awol

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## 👤 PROFILE

Versatile full-stack engineer with 2+ years of experience building scalable backend systems and intuitive front-end applications, leveraging Python, Java, React, and PostgreSQL. Skilled in designing distributed systems, developing multi-tenant platforms, and integrating robust relational databases. Proven track record of leading projects from architecture to production, using test-driven development and agile methodologies. Passionate about backend-first design, accessible UIs, and delivering impactful large-scale software that powers seamless user experiences.

## 💼 PROFESSIONAL EXPERIENCE

- Full Stack Developer**, *Omnicasa(Remote)* 🌐 11/2024 – Present  
Brussels, Belgium
- **Built a distributed** automated video processing pipeline from Notion to Vimeo, **orchestrating** Redis-backed job queues and **asynchronous** workflows to process **10–20** customer meeting recordings weekly, cutting turnaround time from **2 hours to 15** minutes.
  - **Standardized** multi-format inputs (Zoom, Meet, audio-only, .mp4/.ts/.m4a) into decoded MP4s with fallback visuals, ensuring seamless playback.
  - **Automated** transcription and post meeting analytics to reduce review time by **30%**, enhancing agent productivity and accelerating actionable client insights.
- Mobile App Developer**, *Eskalate LLC* 🌐 06/2024 – 11/2024  
Addis Ababa, Ethiopia
- **Led** a team of 5 to build and optimize mobile apps using **Flutter**, **REST APIs**, and system **native APIs**.
  - Created an e-commerce app handling **10,000+** product listings within **6** months, boosting efficiency by **15%** with **Clean Architecture**.
  - Applied Test-Driven Development (**TDD**) practices, achieving **100% test coverage** on critical components.
  - Utilized **Provider**, **Bloc**, and **Mockito**, reducing bug reports by **30%** and enhancing system **stability**.
- Full Stack Developer Intern**, *Camara Education Ethiopia* 🌐 07/2023 – 11/2023  
Addis Ababa, Ethiopia
- **Contributed** to developing an educational platform used by **200+** Ethiopian schools, expanding access to quality education.
  - The platform **supplied** digital study materials, including books and past exams, to over **300,000** students.
  - Implemented front-end features that **improved** content access, increasing site engagement by **20%**.

## 📁 PROJECTS

- ConnectX**, *Team Lead, Full Stack Developer* 🌐 11/2024 – 05/2025
- **Conceived, led, and architected** ConnectX, a multi-tenant e-commerce platform with modular backend **scaling** for **1,000+** merchants and accelerating go-to-market by **60%**.
  - **Engineered** end-to-end order and payment workflows via Django REST, JWT auth, and Chapa, ensuring secure and scalable transactions.
  - **Designed** modular REST APIs for flexible branding and custom frontends, reducing merchant integration time by **50%**.
  - **Built** a white-label Flutter storefront **template** using Clean Architecture, BLoC, and GetIt to deliver **ready-made** mobile shopping apps.
- Miitoo Knowledge Companion**, *Team Lead, Backend Developer* 🌐 08/2023 – 11/2023
- **Led** a team of 5 for the development of a generative AI chatbot and quizbot to **address** Ethiopia's low Grade 12 exam pass rate, where only **3.2%** of students scored above the passing point of 50% in 2022/2023.
  - Managed backend development with **Flask**, **MySQL**, and the **OpenAI API**, **handling** over **1,000** daily user requests with a response time under **200 ms**.
  - Ranked in the **top 9** at the A2SV Generative AI for Africa Hackathon among **3,700+** participants from **47** countries, **highlighting** its potential to improve exam outcomes.

## 🎓 EDUCATION

- Bachelor of Sc. in Software Engineering**, *Addis Ababa Science and Technology University (AASTU)* 🌐 05/2021 – 06/2025  
Addis Ababa, Ethiopia
- Graduated with **Honors** (Very Great Distinction), **GPA: 3.78/4.0**.
  - **Relevant Coursework:** Database Design, Object-Oriented Programming, Data Structures and Algorithms, Machine Learning, Human-Computer Interaction, System Architecture and Design, Embedded system, Distributed system, Data Communication and Computer Networks, Statistics and Probability.
- Coding Academy**, *Africa to Silicon Valley (Backed By Google Twice)* 🌐 11/2023 – 11/2024  
Addis Ababa, Ethiopia
- Built a strong foundation in data structures and algorithms with **1,000+** hours of study and **600+** problems solved on LeetCode and Codeforces.
  - **Relevant Coursework:** Data Structures and Algorithms, Teamwork Experience, Collaboration.

## 🧠 TECHNICAL SKILLS

**Programming Languages:** Python, PHP, Dart, Java (Swing), JavaScript, C++, TypeScript.

**Frameworks / Libraries:** Flutter, Flask, Django, Bootstrap, React.js, Tailwind, Next.js.

**Technologies:** Git, GitHub, Firebase, Prisma (ORM), Docker, CI/CD, FFmpeg.

**Database:** MySQL, SQLite, PostgreSQL, Firestore.

## 🏆 AWARDS

- Academic Excellence Award – Graduated with Honors (Very Great Distinction)**, 06/2025  
*Addis Ababa Science and Technology University (AASTU)* 🌐
- A2SV Generative AI Hackathon for Africa Finalist**, *Africa to Silicon Valley (A2SV)* 🌐 11/2023