

Albaker Ahmed

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Portfolio : <https://albaker-portfolio.vercel.app>

EDUCATION

African Leadership Academy (ALA) – Johannesburg, South Africa 2023 - 2025

- Leadership, Entrepreneurship and African Studies Curriculum
- Completed A Level exams in Mathematics, Computer Science, Physics

EXPERIENCE

Founder, AltaRek Education Platform – Aswan, Egypt 2025 – Present

- Founded a free education platform supporting students in Aswan who cannot afford private lessons.
- Achieved rapid adoption with **400 students signing up in the first month**.

Developer & Team Lead, SOLFA organization Jul 2025 – Present

- Led a team of developers to deliver 4+ internal projects for SOLFA
- Designed and deployed a custom **Machine Learning model**

Peer Coach and CS Tutor, ALA 2023 – Present

- Tutored over 15 students and led a peer group which achieved a 40% grade increase.
- Helped students in algorithm design, data structures, and CS exam prep

Software Developer, FootPrints(ALA) May 2024 – June 2025

- Created a Flutter app with AI integration and Firebase backend for smart shopping experiences
- Built a complete full-stack web store using React, JS, MySQL. Integrated secure payments and responsive design

Founder, HTA (HyperText Assassins) Sept 2021 – Present

- Led a tech team focused on accessibility solutions
- Developed an accessible e-learning platform for students with disabilities.

Workflow Automation & Integration Projects Self-Initiated | 2023 – Present

- Developed automated workflows using tools like **n8n** and **Node-RED** to integrate platforms such as **Microsoft Teams**, **Google Sheets**, and **WhatsApp**.
- Built systems to manage student data, send alerts, and simplify administrative processes.

OTHER Experience

Arabic Debate Leader Sept 2022 – June 2024

Trained peers in debate and public speaking. Organized competitions and debates.

Peer Supporter 2023 – Present

Mentored 11 first-year students at ALA; resolved language barrier for one student.

SKILLS AND INTERESTS

- Languages: Arabic (Native), English
- Soccer Captain – Aswan FC & ALA School team
- Programming: HTML, JavaScript, NextJs, React, Flutter, MySQL, Python, Firebase

Certifications

- Supervised Machine Learning (DeepLearning.AI)
- Mathematics for Machine Learning (DeepLearning.AI)
- Python Automation (Google)
- Network Security (Kaspersky)