

Eltayeb Abdeljalil Eltayeb Ahmed

Software Engineer

Altyeb.404@gmail.com | +974 51750141 | Al Rayyan, Qatar | [altayebv](https://altayebv.vercel.app) | altayeb-dev.vercel.app

PROFESSIONAL SUMMARY

Software engineer with hands-on experience building production-ready Android applications, full-stack web systems, and AI-integrated tools. Driven by the belief that the real challenge in education is not missing content — it is disconnected content. Seeking an engineering team where thoughtful architecture and real-world impact go hand in hand.

EXPERIENCE

Lead Software Engineer — Basheer Educational Platform

2025 – Present

Self-directed · Open Source | nafeer-edu.vercel.app

- Architected an Android application exceeding 18,000 lines of Kotlin following MVVM and Clean Architecture principles.
- Built an offline-first architecture enabling students to study without internet connectivity.
- Developed interactive lessons, quizzes, revision tools, progress tracking, and a 5,000+ question bank.
- Designed and built Nafeer CMS — a web-based content ecosystem for curriculum publishing, contributor management, content versioning, and audience communication.
- Collaborated with academic contributors to digitize and organise Sudanese High school curriculum.
- Leading the product from architecture through beta release.

Technologies Kotlin · Jetpack Compose · Room · Hilt · Firebase · Clean Architecture

Product & Full-Stack Engineer — Nafeer CMS

2025 – Present

Companion content platform powering the Basheer ecosystem
Nafeer-edu.vercel.app

- Built an administrative platform enabling non-technical contributors to manage educational content efficiently.
- Designed workflows for curriculum publishing, contributor onboarding, content versioning, and release management.
- Developed a scalable architecture separating content management from mobile app development.
- Implemented audience communication features and contributor analytics to streamline educational content production.

Technologies React · Node.js · MongoDB · Firebase · REST APIs · Supabase

Freelance Software Engineer

2024 – 2025
Ru'ya Technical Solutions

- Built a local OCR system for an accounting firm — extracted and structured financial data from large volumes of bank receipts with 98% accuracy, enabling efficient filtering and automated processing.
- Developed a full point-of-sale system for a café covering order management, invoicing, inventory tracking, and staff management

Technologies React · Node.js · Python · sqlite · REST APIs .. OCR

NOTABLE PROJECTS

Notephiny — AI-Powered Notes App

Open Source · Android | github.com/altyebv/NotEphiny

- Mobile app featuring locally deployed AI models via ONNX Runtime for semantic search and smart content extraction — all processing happens on-device, no data leaves the phone.

Technologies Kotlin · Jetpack Compose · ONNX Runtime · AI/ML

Interactive 3D Portfolio

[Altyeb's Space](#)

- An interactive 3D experience built as a navigable miniature world showcasing skills and projects — visitors can explore rather than scroll.

Technologies React · Three.js · React Three Fiber · GSAP · WebGL · Blender

SKILLS

Android & Mobile	Kotlin · Jetpack Compose · Room · Hilt · Firebase · ONNX Runtime
Frontend	React · Three.js · TypeScript · Tailwind CSS · Redux Toolkit
Backend	Node.js · Express.js · Python · REST APIs
AI / ML	LangChain · TensorFlow · PyTorch · OCR · NLP · Vector DBs
Tools & Databases	Git · MongoDB · PostgreSQL · SQLite · Figma · Linux

EDUCATION & LANGUAGE

Education	Languages
BSc Computer Science & Information Technology	Arabic — Native

Sudan University of Science & Technology
2017 – 2024

Professional Diplomas
Web Development · Web Design · Android
Development

Russian Cultural Centre, Cairo
2025

English — Fluent (C1)

Russian — Intermediate