

Mohammed Hasan Alsalehi

Yemeni | Software Engineering | COMSATS University Islamabad
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EDUCATION

Bachelor of Software Engineering – COMSATS University Islamabad Feb 2022 – Jan 2026

Islamabad, Pakistan | Cumulative GPA: 3.67/4.0

- Consistently ranked as a class topper across several semesters
- Served as Vice President of the COMSATS International Students Society

EXPERIENCE

Software Developer – YemSci

Jan 2026 – Present

Islamabad, Pakistan — Document Management Platform & Embassy Portal Integration

- Developed an administrative database system using Next.js and FastAPI to oversee scholarship records, managing academic degree tracking and financial disbursements.
- Engineered a secure web portal for a diplomatic mission featuring a Node.js WhatsApp automation gateway, managing over **800 student requests** across multiple countries.
- Implemented an AI-driven document pipeline using Gemini and SQLite FTS5, automating OCR parsing and semantic filing for **5,000+ academic records**.
- Created an interactive dashboard with Zustand and Recharts to provide real-time analytics on student demographics and fund distribution metrics.

Web Developer Intern – Ahd Financial Services

July – September 2025

Sanaa, Yemen — Website Redesign

- Collaborated with the IT team to rebuild the official website of the parent company of Yemen's largest e-wallet using Next.js.
- Improved page load speed and search engine visibility through a modern front-end architecture.

PROJECTS

TourEase – Final Year Project

Next.js, TypeScript, Flutter, Node.js, PostgreSQL, Firebase, AWS (EC2, S3, Route 53), GitHub Actions

- A full-stack, multiplatform system deployed on AWS with a GitHub Actions pipeline for continuous deployment. Nominated for the industrial expo at the university and secured a top 5 position at the department level.

Comsats Hero – Flutter App

Flutter, VisionKit, Firebase

- Exam preparation app providing on-demand access to past papers, actively used by **100+ students** at COMSATS University.
- Admin panel with content verification, paper blocking, and deletion controls to maintain content quality.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Dart, SQL **Frameworks:** Next.js, Node.js, Flutter, Tailwind CSS

Cloud & DBs: Firebase, AWS, PostgreSQL **Testing:** Cypress, Selenium, Manual & Automated E2E Testing

LANGUAGES

- **Arabic:** Native
- **English:** IELTS Band 8
- **Urdu:** Beginner