

AHMED FARAZ

Software Engineer | Tech Trainer

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HONORS & ACHIEVEMENTS

- **Academic IELTS – 7.5 (CEFR: C1)** (Speaking 7.5, Reading 8.5, Listening 7.5, Writing 6.5)
- **Secured 1st place** in [Harvard's CS50x Puzzle Day 2025](#) by solving 9/9 problems.

EDUCATION

Bachelor of Software Engineering (BSE)

2019 – 2023

Bahria University Karachi Campus

CGPA: 3.09/4.0

Coursework: DSA, OOP, DBMS, Operating Systems, Probability & Statistics, AI, Web Engineering, Computer Networks.

INTERNATIONAL EVENTS & COMPETITIONS

- Qualified for [Round 1 of the Meta Hacker Cup 2025](#).
- Qualified in the [International Computer Science Competition \(ICSC\) 2025](#).
- Participated in the [CALICO Informatics Competition \(UC Berkeley\), 2025](#).
- Participated in the [AI Genesis Hackathon](#) (Google AI Studio, AppliedAI, Qdrant)
- Participated in the [Agentic AI Hackathon with IBM watsonx Orchestrate](#).
- Participated in Hack the Future Hackathon organized by Qubic.

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TEACHING EXPERIENCE

Founder & Instructor

Remote (1 year)

Techbeez Education – Karachi, Pakistan

Jul 2022 – Jul 2023

- Designed and taught the **Techbeez FWDP (Frontend Web Developer Program)**.
- Taught web fundamentals including HTML, CSS, JavaScript, Git/GitHub, and basic web protocols.
- Led hands-on projects using JavaScript and modern frontend frameworks such as React and Redux.
- Mentored **60+ students** to build portfolio-ready web applications.

[View Course Content](#)

Lead Technical Instructor

Part-time (1.5 years)

Axiom Education – Karachi, Pakistan

Oct 2021 – Feb 2023

- Progressed from Assistant Instructor to **Lead Instructor**.
- Delivered project-based training for **full-stack web development** using MERN.
- MERN Stack = **MongoDB, Express.js, React, and Node.js**.
- Conducted live coding sessions and supervised end-to-end web application projects.
- Trained and mentored **300+ students**.

VOLUNTEER WORK

Trainer and Moderator

Remote (Aug 2025 – Present)

iCodeGuru – Santa Clara, California

- Conducted a free **IELTS Speaking Course** for under-privileged students, offering structured lessons and practice sessions.

[View YouTube Playlist](#)

SKILLS

Languages	JavaScript, TypeScript, Python
IaC	AWS CDK (serverless architectures)
AWS Services	IAM, Lambda, AppSync, Cognito, S3, Pinpoint, and 20+ more
Frontend	React, Next.js
Backend	Node.js, AWS serverless stack
SQL Databases	Aurora, RDS (MySQL, PostgreSQL), Redshift
NoSQL	DynamoDB, MongoDB

WORK EXPERIENCE

AWS Full Stack Developer
Road2Crypto – Miami, Florida, USA

Remote (2+ years)
Mar 2023 – Aug 2025

- Developed and launched **Road2Crypto**, a multi-wallet, cross-chain crypto tracking platform.
- Scaled backend architecture using AWS services, ensuring high availability, security, and performance.
- Delivered features across frontend, backend, and **AWS CDK** infrastructure in a serverless environment.
- Integrated **Stripe** for secure subscription and payment handling, enabling premium product features.
- Collaborated remotely with an **international engineering team** to deliver core product functionality.

AWS Modern Apps Full Stack Developer
Panacloud – Karachi, Pakistan

On-site (1.5 years)
Oct 2021 – Feb 2023

- Progressed from cloud development intern to Full Stack Developer.
- Contributed to cloud-native **eCommerce and EdTech platforms**.
- Led feature development across frontend and backend using Infrastructure as Code (AWS CDK).
- Built backend systems with **relational databases (Aurora)** and **NoSQL databases (DynamoDB)**.
- Used **AWS CDK** to manage infrastructure and deployments.

HIGHLIGHTED PROJECTS

Road2Crypto – Web Application

- Built and launched **Road2Crypto**, a platform to track multiple crypto wallets.
- Frontend developed with **Next.js** for a fast and responsive interface.
- Backend on **AWS serverless architecture** for scalability and security.
- Integrated **CoinGecko API** for real-time crypto data.
- Added **Stripe** for secure payments and subscriptions.
- Worked remotely with an **international team** to deliver core features.

 [Visit Platform](#)

AirMouse – AI Desktop App

- Developed an AI app to control the cursor with hand gestures.
- Used **MediaPipe Hands** for real-time hand tracking.
- Built with **Electron** and **React**, code in **TypeScript**.
- Controlled OS-level mouse movements using **@nut-tree-fork/nut-js**.
- Created during **AI Genesis Hackathon** by lablab.ai.
- Download the app

 [Watch Demo](#)

 [Get App](#)

REFERENCES

Arturo Fernandez — CEO, Road2Crypto

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- Email: afern@road2crypto.com
- Phone: +1 786 536 0020
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Adil Altaf — CTO CyberNut (Ex-CIO Panacloud)

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Dr. Zafar Shahid — Technical Lead / Staff Engineer @ Meta

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Dr. Rizwan Ghaffar — Principal Engineer @ Broadcom Inc.

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