

# AHMED FARAZ

Software Engineer | Tech Trainer

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## HONORS & ACHIEVEMENTS

- **IELTS – 7.5** (Speaking 7.5, Reading 8.5, Listening 7.5, Writing 6.5)
- Won Harvard CS50x Puzzle Day 2025

## EDUCATION

**2019 – 2023 Bachelor of Software Engineering (BSE)**

Bahria University Karachi Campus

CGPA: **3.09/4.0**

## INTERNATIONAL EVENTS & COMPETITIONS

- Won **Harvard's CS50x Puzzle Day 2025**, solving all 9/9 puzzles.
- Qualified **Round 1 of Meta Hacker Cup 2025**.
- Cleared the **Qualification Round of ICSC 2025**.
- Participated in the **CALICO Informatics Competition by UC Berkeley 2025**.
- Competed in the **AI Genesis Hackathon** (Google AI Studio, AppliedAI, Qdrant)
- Participated in the **Agentic AI Hackathon with IBM watsonx Orchestrate**.
- Competed in Qubic | Hack the Future Hackathon by Qubic.

[🔗Details here](#)

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## TEACHING EXPERIENCE

**OVERALL 2+ YEARS**

**Founder & Instructor**

**Techbeez Education – Karachi, Pakistan**

**Remote (1 year)**

Jul 2022 – Jul 2023

- Created and taught the **Techbeez FWDP – Frontend Web Developer Program**
- Modules included Basics, Hands-on Projects, and Advanced React.
- Delivered complete lesson plans and recorded video lectures.

[🔗Course Link](#)

**Lead Technical Instructor**

**Axiom Education – Karachi, Pakistan**

**Part-time (1.5 years)**

Oct 2021 – Feb 2023

- Promoted from Assistant Instructor to **Lead Instructor**.
- Delivered project-based MERN stack training with live coding.
- Mentored junior instructors and trained **300+ students**.

## VOLUNTEER WORK

**Trainer and Moderator**

**iCodeGuru – Santa Clara, California**

**Remote (Aug 2025 – Present)**

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

[🔗Link](#)

## SKILLS

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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

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OVERALL 4+ YEARS

### AWS Full Stack Developer Road2Crypto – Miami, Florida, USA

Remote (2+ years)  
Mar 2023 – Aug 2025

- Built and launched **Road2Crypto**, a multi-wallet cross-chain crypto tracker.
- Developed core product features with an international engineering team.
- Delivered features across frontend, backend, and AWS CDK infrastructure.

### AWS Modern Apps Full Stack Developer Panacloud – Karachi, Pakistan

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

- Joined as Cloud Intern; promoted to **Full Stack Developer**.
- Built scalable cloud features using Lambda, DynamoDB, Aurora, API Gateway.
- Integrated CloudWatch, SQS, SES/Pinpoint, and Glue.
- Delivered secure and cost-efficient AWS-based solutions.

## HIGHLIGHTED PROJECTS

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### Road2Crypto – Web Application

- Built and launched **Road2Crypto**
- A multi-wallet crypto tracker with cross-chain insights.
- Developed scalable and secure backend architecture using AWS services.
- Integrated Stripe for seamless and secure payments.
- Collaborated remotely with an international team to deliver core features.

 [Link](#)

### AirMouse – AI Desktop App

- Built an AI desktop app that controls the cursor using hand gestures via webcam
- Used on-device MediaPipe Hands model for fast, real-time hand tracking.
- Created during the **AI Genesis Hackathon** by lablab.ai.
- First time working with Electron and AI/ML models.
- Download: Scroll down and click **AirMouse-Windows-1.0.0-Setup.exe**

 [Demo Link](#)

 [Download Link](#)

## REFERENCES

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### Arturo Fernandez — CEO, Road2Crypto

 [afern247](#)

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**Adil Altaf — CIO Panacloud | CTO CyberNut**

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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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