

# Ahmed Faraz

Software Engineer

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## ACHIEVEMENTS

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- **IELTS Academic** – Score: **7.5 (CEFR: C1)** (Speaking **7.5**, Reading **8.5**, Listening **7.5**, Writing **6.5**).
- **Section Leader** at Stanford University's Code in Place 2026 program.
- **2x Winner** Harvard CS50x Puzzle Day (2026, 2025), solved all puzzles.
- Qualified for **Round 1 of the Meta Hacker Cup 2025**.
- Participated in the **MIT Informatics Tournament - M(IT)<sup>2</sup>**, Spring 2026.
- **2x** Competed in CALICO Coding Competition (2026, 2025) hosted by University of California, Berkeley.
- Qualified in the **International Computer Science Competition (ICSC) 2025**.
- Solved **200+ LeetCode** problems covering Arrays, Strings, Trees, Graphs, DP, and Backtracking.

## EDUCATION

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### Bachelor of Software Engineering (BSE)

Bahria University Karachi Campus

2019 – 2023

CGPA: **3.09/4.0**

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

## LEADERSHIP ACTIVITIES

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- Judged and Mentored **HEC Generative AI Training Hackathon - Cohort 1**, evaluated **330+ AI projects**.
- Mentored participants in **WPBrigade × iCodeGuru Hackathon - DevLaunch Hackathon 2026**.
- Judged and Guided participants in **HEC Generative AI Hackathon - Cohort 2**, evaluated **170+ AI projects**.

## INTERNATIONAL HACKATHONS AND PROJECTS

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[VIEW PROJECTS](#)

- Participated in the **AI Genesis Hackathon, 2025** (Google AI Studio). [AirMouse](#)
- Led a team in **Amazon Nova AI Hackathon, 2026**, by Amazon. [AI LinkedIn Agent](#)
- Supervised a team in **Gemini Live Agent Challenge Hackathon, 2026**, by Google. [Desktop Agent](#)
- Collaborated in the **Agentic AI Hackathon with IBM watsonx Orchestrate, 2025**. [VendorMatch](#)
- Worked with an international team in **Qubic | Hack the Future, 2025** by Qubic. [Smart Cont. Studio](#)
- Joined in **SURGE x OpenClaw Hackathon, 2026** by OpenClaw. [AutoSort](#)

## VOLUNTEER WORK

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### iCodeGuru – Santa Clara, California

Remote (Aug 2025 – Present)

- Taught **Advanced Algorithms** to underprivileged students focusing on problem-solving. [View Lectures](#)
- Led a course on **Data Structures**, building a strong foundation in core concepts. [View Lectures](#)
- Conducted **IELTS Speaking Practice Sessions**, helped students achieve 7.5 bands. [View Lectures](#)
- Moderated **IELTS Writing Sessions** for underprivileged students for IELTS preparation. [View Lectures](#)

### Techbeez Education – Karachi, Pakistan

Remote (Jul 2022 – Jul 2023)

- Designed and taught the **Frontend Web Developer Program**. [View Lectures](#)
- Taught web fundamentals and led projects using JavaScript, React, and Redux.

- Mentored students to build portfolio-ready web applications.

## WORK EXPERIENCE

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**AWS Full Stack Developer**  
**Road2Crypto - Miami, Florida, USA**

**Remote (2+ years)**  
Mar 2023 – Aug 2025

- Developed and launched **Road2Crypto**, a platform to track multiple crypto wallets. [View App](#)
- Built and scaled the entire backend using **AWS CDK** on **AWS Serverless Architecture**.
- Integrated **CoinGecko API** for real-time crypto pricing.
- Implemented **Stripe** for secure payments and subscriptions.
- 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

- 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.

**Lead Technical Instructor**  
**Axiom Education - Karachi, Pakistan**

**Part-time (1.5 years)**  
Oct 2021 – Feb 2023

- Progressed from Assistant Instructor to **Lead Instructor**.
- Delivered project-based training for **full-stack web development** using MERN Stack.
- Conducted live coding sessions and guided students on end-to-end web application development.
- Trained and mentored **300+ students** through one-on-one session.

## SKILLS

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<b>Languages</b>	JavaScript, TypeScript, Python
<b>IaC</b>	AWS CDK (serverless architectures)
<b>AWS Services</b>	IAM, Lambda, AppSync, Cognito, S3, Pinpoint, <b>and 20+ more</b>
<b>Frontend</b>	React, Next.js
<b>Backend</b>	Node.js, AWS serverless stack
<b>SQL Databases</b>	Aurora, RDS (MySQL, PostgreSQL), Redshift
<b>NoSQL</b>	DynamoDB, MongoDB
<b>Version Control</b>	Git, GitHub (branching strategies, pull requests, code reviews, collaboration)



# BAHRIA UNIVERSITY

## KARACHI CAMPUS Bachelor of Software Engineering\*

### FINAL TRANSCRIPT



Student's Name : AHMED FARAZ  
 Father's Name : RASHID ALI  
 Date Of Birth : 01 June 2000  
 CIIC/ Passport No : 42201-7513215-1

Registration No : 59974  
 Enrollment No : 02-131192-037  
 Date of Admission : 09 September 2019  
 Mode of Study : Regular

**Fall Semester 2019**

Course Code	Title	Grade	Grade Point	Cr. Hrs	Prod.
CSC 110	Computing Fundamentals	B	3	2	6
CSC 113	Computer Programming	A	4	3	12
CSL 110	Computing Fundamentals Lab	B+	3.33	1	3.33
CSL 113	Computer Programming Lab	A	4	1	4
ENG 105	Functional English	B+	3.33	3	9.99
GSC 110	Applied Calculus & Analytical Geometry	A	4	3	12
GSC 114	Applied Physics	B	3	2	6
GSL 113	Applied Physics Lab	B	3	1	3

GPA : 3.52 CGPA : 3.52

**Spring Semester 2020**

Course Code	Title	Grade	Grade Point	Cr. Hrs	Prod.
CEL 122	Digital Design Lab	B+	3.33	1	3.33
CEN 122	Digital Design	C+	2.33	2	4.66
CSC 210	Object Oriented Programming	A-	3.67	3	11.01
CSL 210	Object Oriented Programming Lab	A	4	1	4
GSC 221	Discrete Mathematics	B	3	3	9
HSS 120	Communication Skills	A-	3.67	3	11.01
ISL 101	Islamic Studies	B+	3.33	2	6.66
SEN 210	Introduction to Software Engineering	B	3	3	9

GPA : 3.26 CGPA : 3.38

**Fall Semester 2020**

Course Code	Title	Grade	Grade Point	Cr. Hrs	Prod.
CEL 221	Computer Architecture & Organization Lab	A	4	1	4
CEN 221	Computer Architecture & Organization	B+	3.33	3	9.99
CSC 221	Data Structure & Algorithm	A-	3.67	3	11.01
CSL 221	Data Structures & Algorithm Lab	A-	3.67	1	3.67
GSC 121	Linear Algebra	B	3	3	9
SEN 320	Human Computer Interaction	B+	3.33	3	9.99
SEN 458	Software Requirement Engineering	B-	2.67	3	8.01

GPA : 3.27 CGPA : 3.35

**Spring Semester 2021**

Course Code	Title	Grade	Grade Point	Cr. Hrs	Prod.
CSC 220	Database Management Systems	C+	2.33	3	6.99
CSC 320	Operating System	B	3	3	9
CSL 220	Database Management System Lab	B+	3.33	1	3.33
CSL 320	Operating System Lab	A-	3.67	1	3.67
GSC 122	Probability & Statistics	B	3	3	9
PSY 101	Introduction to Psychology	B	3	3	9
SEL 457	Software Design & Architecture Lab	B+	3.33	1	3.33
SEN 457	Software Design & Architecture	C-	1.67	2	3.34

GPA : 2.80 CGPA : 3.21

**Fall Semester 2021**

Course Code	Title	Grade	Grade Point	Cr. Hrs	Prod.
CEL 222	Data Communication & Networking Lab	A-	3.67	1	3.67
CEN 222	Data Communication & Networking	C-	1.67	3	5.01
CSC 411	Artificial Intelligence	B+	3.33	2	6.66
CSL 411	Artificial Intelligence Lab	C+	2.33	1	2.33
HSS 320	Technical Writing & Presentation Skills	B+	3.33	3	9.99
HSS 421	Entrepreneurship & Leadership	B-	2.67	3	8.01
PAK 101	Pakistan Studies	A-	3.67	2	7.34
SEL 311	Software Construction Lab	B+	3.33	1	3.33
SEN 311	Software Construction	B+	3.33	2	6.66

GPA : 2.94 CGPA : 3.15

**Spring Semester 2022**

Course Code	Title	Grade	Grade Point	Cr. Hrs	Prod.
CSC 315	Theory of Automata	F	0	3	0
CSC 407	Information Security	F	0	3	0
CSC 460	Data Mining	F	0	2	0
CSL 460	Data Mining Lab	B	3	1	3
SEL 310	Web-Engineering Lab	A	4	1	4
SEL 448	Software Applications for Mobile Devices Lab	C+	2.33	1	2.33
SEN 310	Web-Engineering	A	4	2	8
SEN 423	Software Quality Engineering	C+	2.33	3	6.99
SEN 448	Software Applications for Mobile Devices	B	3	2	6

GPA : 1.68 CGPA : 2.90

**Summer Session 2022**

Course Code	Title	Grade	Grade Point	Cr. Hrs	Prod.
CSC 315	Theory of Automata (REPEAT)	B	3	3	9
CSC 407	Information Security (REPEAT)	B+	3.33	3	9.99

GPA : 3.17 CGPA : 3.08

**Fall Semester 2022**

Course Code	Title	Grade	Grade Point	Cr. Hrs	Prod.
CSC 460	Data Mining (REPEAT)	B-	2.67	2	5.34
HSS 422	Engineering Ethics	B	3	3	9
SEN 410	Software Project Management	C+	2.33	3	6.99
SEN 411	Software Re-Engineering	D+	1.33	3	3.99
SEN 452	Agile Development	C	2	3	6

GPA : 2.24 CGPA : 3.03

**Spring Semester 2023**

Course Code	Title	Grade	Grade Point	Cr. Hrs	Prod.
CEN 451	Data Encryption & Security	B	3	3	9
CSC 321	Design & Analysis of Algorithms	C	2	3	6
HSS 115	Introduction to Media Studies	A	4	3	12
HSS 202	Introduction to Sociology	A-	3.67	3	11.01

GPA : 3.17 CGPA : 3.05

**Thesis/Internship/CSP**

Course Code	Title	Grade	Grade Point	Cr. Hrs	Prod.
CSP 311	Community Support Program Completed on 04 May 2023			0	
ESC 498	Project - I Completed on 31 Jan 2023	A	4	3	12
ESC 499	Project - II Completed on 30 Jun 2023	A	4	3	12
SDW 496	Internship Completed on 03 Jul 2023	A-	3.67	0	0

Overall Percentage : 74.78 GPA : 4.00 CGPA : 3.09

134 Credit hours Completed.

Program completion date: 20 July 2023

\* The Program consists of 134 Credit Hours, duration 4 years.

  
Controller of Examinations

Print Date : 16 August 2023

Note: Errors & omissions exempted.

## Test Report Form

ACADEMIC

**NOTE** Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules. GENERAL TRAINING Reading and Writing Modules are **not** designed to test the full range of language skills required for academic purposes. It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed **after two years** from the date of the test. To find out more about IELTS, IELTS band scores and the CEFR levels, please visit [ielts.org/scores](https://ielts.org/scores)

Centre Number PK363

Date 09/NOV/2025

Candidate Number 502371

### Candidate Details

Family Name FARAZ

First Name(s) AHMED

Candidate ID 4220175132151



Date of Birth 01/06/2000

Sex (M/F)

M

Scheme Code

Private Candidate

Country or Region of Origin

Country of Nationality

PAKISTAN

First Language

URDU

### Test Results

Listening 8.5

Reading 7.5

Writing 6.5

Speaking 7.5

Overall Band Score 7.5

CEFR Level C1

### Administrator Comments

Recognising organisations must verify this score at [ielts.org/verify](https://ielts.org/verify)

### Validation stamp



Date 11/11/2025

Test Report Form Number

25PK502371FARA363A



CAMBRIDGE English