



Faiz Rasool

Computer Science Educator & School Leader

MSc Computer Science

Microsoft Certified Innovative Educator

20+ Years Experience

TEACHING PORTFOLIO

Prepared for International School Recruitment — KSA, UAE, GCC & Beyond

20+

Years
Teaching

10+

Years
Leadership

1,000+

Online
Lessons

10,000+

Total
Lessons

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■ techcodingtutor.com

■ Pakistan / Open to Relocation

Professional Summary

I am an experienced and passionate Computer Science Educator, IT Teacher, School Director, and Online Tutor with over 20 years of progressive experience spanning classroom instruction, school leadership, curriculum development, and international online tutoring. My career began in 2000 and has taken me from institute-level IT teaching to university IT administration, school directorship, and global online education.

I have delivered over 10,000 lessons across classroom and online environments, including 1,000+ personalised online lessons through Preply to students in 20+ countries — earning consistent 5-star ratings for my clear explanations, patience, and results-driven approach.

My expertise spans Computer Science, Information Technology, Python, Java, C++, JavaScript, HTML/CSS, Web Development, Arduino, Robotics, Artificial Intelligence, and Scratch. I hold an MSc in Computer Science from Punjab University Lahore and carry the Microsoft Certified Innovative Educator credential.

I am now seeking a position at an international school where I can bring my dual expertise in technology education and school leadership to help build a world-class Computer Science programme.

Teaching Philosophy

Project-Based Learning

Every lesson I teach is anchored to a real project. Students build games, websites, robots, and apps — not just complete worksheets. This approach develops both technical skill and creative confidence simultaneously.

Student-Centred Differentiation

I assess each student's starting point and design a personalised learning pathway. Mixed-ability classes thrive under my instruction because I differentiate pace, depth, and output expectations without compromising on standards.

Critical Thinking Over Memorisation

I teach students to think like engineers and developers. When students understand the "why" behind a concept, they can adapt to any language, framework, or technological shift that comes after them.

Technology Integration

From Scratch to Arduino to AI, I integrate modern tools and platforms into every unit. My students always work with current, industry-relevant technology — not textbook abstractions.

Career Timeline

- 2000–2011 IT Teacher**
 - Glamour Institute of IT
 - Delivered IT and CS instruction to institute-level students
 - Developed lab exercises and practical assessment materials
- 2001–2010 Technical Assistant**
 - University of the Punjab
 - Provided technical support across university departments and computer labs
 - Maintained hardware, software, and campus network infrastructure
- 2003–2015 IT Administrator**
 - University of the Punjab
 - Managed university IT infrastructure, servers, and network systems
 - Led technical team and implemented security protocols
- 2006–2010 Accounts Manager**
 - Chand Flour Mills
 - Managed full financial accounts for large-scale flour milling operations
 - Implemented computerised accounting systems improving efficiency
- 2012–Present Director / Principal / IT Teacher**
 - Smart School Ghotki
 - Led academic strategy and school operations for 500+ students
 - Built CS department, STEM, Robotics and AI labs from scratch
 - Developed Cambridge and national CS curriculum frameworks
 - Mentored 30+ faculty members and managed school-wide leadership
- 2019–Present Online CS & Coding Instructor**
 - Preply (International)
 - 1,000+ lessons to students in 20+ countries with 5-star ratings
 - Teaches Python, Java, C++, Web Dev, Scratch, and Arduino online
 - Personalised curriculum design for every individual student

Education & Qualifications

MSc Computer Science University of the Punjab, Lahore	2005
BSc Computer Science University of the Punjab, Lahore	2001
Microsoft Certified Innovative Educator Microsoft Education	2023

Subjects Taught

● Computer Science	● Information Technology	● Python Programming	● Java Programming
● C++ Programming	● Web Development	● HTML & CSS	● JavaScript
● Arduino & IoT	● Robotics	● Artificial Intelligence	● Scratch Programming
● Data Science Basics	● Cybersecurity Basics		

Skills Matrix

Programming Languages

Python	95%
JavaScript	88%
Java	85%
C++	82%
HTML/CSS	92%

Teaching & Pedagogy

Curriculum Design	96%
Project-Based Learning	95%
Online Teaching	94%
Differentiation	92%
Assessment	90%

Student Project Showcase

Python Grade Tracker App A full CRUD student grade management system built with Python and SQLite by Year 9 students.	Web Dev Portfolio Website Responsive personal portfolio site built with HTML, CSS, and JavaScript by Year 10 students.	Arduino Line-Following Robot Arduino robot using IR sensors that follows a track. Built by Year 8 students in robotics lab.
Python Number Guess Game Interactive Python CLI game with difficulty levels — a typical first project in coding units.	Arduino Smart Home Sim Arduino project simulating smart home lighting and temperature control systems.	AI Image Classifier Teachable Machine-based image classifier trained and deployed by Year 11 students.

Sample Lesson Plan — Python Introduction

Subject: Computer Science / Python Programming

Year Group: Year 9 (Age 13–14)

Duration: 60 Minutes

Topic: Variables, Data Types, and User Input in Python

Learning Objectives: 1. Define and use variables in Python 2. Identify and apply integer, float, and string data types 3. Use the input() function to collect user data 4. Build a simple personalised greeting program

Starter (10 min): Class quiz: "What is a variable?" — students answer on mini whiteboards. Brief discussion linking to real-world analogies (a box that holds a value).

Main Activity (35 min): Live coding demonstration of variable declaration. Students follow along in IDLE or Replit. Guided practice: create a program that asks the user their name, age, and favourite subject, then prints a personalised response using f-strings.

Challenge Task (10 min): Extension: modify the program to calculate the year the student was born and print it. Encourages arithmetic with variables.

Plenary (5 min): Exit ticket: students write one thing they learned and one question they still have. Teacher reviews and addresses common misconceptions.

Resources: Replit.com / IDLE | Printed worksheet | Projector / Whiteboard

Assessment: Formative — observation, exit ticket, and code review during activity

Differentiation: Support: step-by-step printed guide. Extension: additional challenge task. EAL: visual vocabulary wall on display throughout the lesson.

Testimonials

"Faiz Sir transformed my understanding of programming. His patience and ability to explain complex concepts simply is extraordinary. I passed my A-Level CS with an A* thanks to him."

— Ahmed Al-Rashidi

"My son went from failing CS to loving it in just 3 months. Faiz uses such creative teaching methods — real projects, games, challenges. He is genuinely gifted as an educator."

— Samira Hassan

"As a fellow educator, I have rarely seen someone balance school leadership and classroom excellence the way Faiz does. His robotics programme put our school on the map."

— Dr. Khalid Mansour

Academic Director

FOR SCHOOL RECRUITERS & HIRING MANAGERS

Ready to Make an Impact at Your School?

I bring 20+ years of teaching excellence, 10+ years of school leadership, Microsoft certification, and a proven ability to build world-class Computer Science programmes from the ground up. Whether you need a CS Teacher, IT Head, STEM Coordinator, or a leader who can do all three — I am ready.

■ **Schedule Interview**
+92 301 828 7703

■ **Download Full CV**
techcodingtutor.com/cv

✉ **Send Email**
faiz@techcodingtutor.com

■ **WhatsApp**
wa.me/923018287703

✓ **Available Immediately**

✓ **Open to Full Relocation**

✓ **Saudi Arabia & UAE Priority**

✓ **International School Ready**

✓ **STEM & CS Specialist**

✓ **Leadership + Teaching Dual Role**

Contact Information

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■ **Location:** Pakistan — Open to Relocation

"Transforming Students into Future-Ready Technology Professionals"