



House No c-5, S-20, M/1 Muhallah Fatah Abad, Near Muhammadi
Masjid Wahdat colony Lahore, Pakistan



hafizmohammedumar@gmail.com



0333-4380922



HAFIZ MUHAMMAD UMAR HAYAT

Lecturer Software Engineering | Computer Science

| Software Developer

PROFILE

I am passionate about fostering a deep understanding of computer science principles and practical application skills among my students.

PROGRAMMING LANGUAGES

- C++
- JAVA
- C#
- PHP
- Python
- JavaScript
- ECMA Script 6
- SQL
- JSON



[Portfolio](#)



[Repositories](#)



[Blog](#)



[Soft Engineering Solutions - YouTube](#)



[List of Projects](#)



[LinkedIn](#)

EXPERIENCE

Punjab Tianjin University of Technology Lecturer SET 13 September 2023 -30May2025

Developing an OBE-based course week plan and lecture plans, conducting quizzes, assignments, and exams, and generating results for the subjects: Introduction to Programming, Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC), Software Testing, Software Quality Assurance and Software operations and maintenance

AIMS (VU PLHR-25) Visiting Lecturer CS 2015-2022

Teaching Introduction to programming, Object Oriented Programming, Data Structure, Web Development, Mobile application development and Final year Project

GES Bath ESE (Science/Math) 2015-2022

Teaching students of elementary classes

Riphah International College Visiting Lecturer CS Fall 2021-Spring2022

Teaching Introduction to programming, Object Oriented Programming, Web Development, Mobile application development and Final year Project

Pak Poly Technique Institute Instructor 27-08-2012 31-08-2013

Teaching Introduction to programming, Object Oriented Programming with JAVA and Web Development

Expert Tutoring and Coaching in Programming and Development

2012 -Continue

Since 2012, I have been teaching and coaching undergraduate-level programming subjects, including C++, Java, OOP, web development, mobile development, and final year projects, both online and at home.

Development Environments and Frameworks

- Visual Studio
- Visual Studio Code
- Android Studio
- Flask, Jupiter notebook, Google CO
- MVC architecture in ASP.net
- ADO.net, Entity Framework in C#.Net
- LINQ
- WPF using Visual Studio
- Eclipse Neon
- Laravel 9
- Unity3D
- JQuery
- Node.js
- React.js

Web Development

- ❖ Web development using C#, Java, JSP, PHP, Laravel, Python, Flask
- ❖ Web designing using HTML, CSS, Bootstrap, Ajax and Tailwind CSS

Game Development

- Unity3D, C#, and Visual Studio

Mobile Application Development

- ✓ Android using Java
- ✓ WP7.0 SDK + WP8.0 SDK

Microcontroller Programming

- Arduino Uno and Arduino Mini

EDUCATION

PhD	Superior University Lahore	2025-Continue
MSCS	Virtual University of Pakistan	2017
MCS	Virtual University of Pakistan	2012
BTech (Honors)	Al Khair University (AJK)	2007
HEC attested		
DAE (Electrical)	PBTE Lahore	2002

AREA OF EXPERTIES

- Web application development using ASP.net, JSP and Laravel
- Windows application development using c#, java and python
- Mobile application development using Android, XAML, Java, SQLite and windows SDKs (WP7.0 SDK + WP8.0 SDK)
- Game development using unity3D and C#
- Web Designing using HTML, CSS, Tailwind CSS, Bootstrap, JavaScript, AJAX and Json
- Database implementation using MS SQL, MYSQL, Firebase and SQLite
- Version Controlling using GitHub
- WordPress plugin development using PHP
- Micro Programming using Arduino MINI and Arduino Uno
- Implement of design pattern in C++, Java and Laravel
- REST API development using PHP and POSTMAN

HOBBIES

- ❖ **Exploring New Technologies and Frameworks:** Staying up-to-date with the latest trends in software development and experimenting with new tools and frameworks.
- ❖ **Participating in Online Courses and Workshops:** Engaging in continuous learning through online courses, tutorials, and workshops to enhance skills and knowledge.

PERSONAL DETAILS

Name	Hafiz Muhammad Umar Hayat
Father Name	Haji Faqeer Muhammad
CNIC No	35202-3840486-1
Date of Birth	15-12-1983
Religion	Islam
Marital Status	Married
Domicile	Punjab (Lahore)
Address	House No c-5, S-20, M/1 Muhallah Fatah Abad, Near Muhammadi Masjid Wahdat colony Lahore, Pakistan
Mobile No	0333-4380922
Email	hafizmohammedumar@gmail.com
Portfolio	https://muhammadumarhayat.github.io/portfolio/
GitHub	https://github.com/MuhammadUmarHayat
Blog	Programming Tutorials (hafizmohammedumar.blogspot.com)
LinkedIn	https://www.linkedin.com/in/hafiz-muhammad-umar-hayat-853067224/
Channel	https://www.youtube.com/@SoftEngineeringSolutions
List of Projects	List of Projects (hafizmohammedumar.blogspot.com)