

# MUHAMMAD ZAWBAR

## LECTURER | SOFTWARE ENGINEER

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### SUMMARY

Dedicated and academically driven Computer Science Lecturer with a strong commitment to excellence in teaching, research, and student development. Skilled in delivering undergraduate courses in programming, databases, and software engineering with a focus on conceptual clarity and practical application. Passionate about fostering analytical thinking, innovation, and a lifelong interest in technology among students.

### CORE SKILLS

PHP (OOP - Procedural)	Payment Integration (Stripe, PayPal)
Laravel (5x - 12x)	Git / GitHub
C# / ASP .NET MVC	C / C++
HTML5, CSS3, Bootstrap, JavaScript, jQuery	Authentication & Authorization (Spatie Roles/Permissions)

### PROFESSIONAL EXPERIENCE

#### Denning University of London

Sept 2025- Present

- Delivered comprehensive lectures and hands-on training in C++, C, HTML, CSS, JavaScript, Python, and full-stack development, enabling students to build real-world software and web applications
- Created and delivered market-relevant curriculum that strengthened students' hands-on abilities in Web Development, Software Design, Databases, and Full-Stack Development.

#### Preston University

Aug 2025- Present

- Deliver lectures and practical sessions to BSCS students on core computer science subjects, focusing on programming, software development, and system analysis.
- Contribute to academic excellence through curriculum development, student mentorship, and integration of industry-relevant technologies in classroom teaching

#### Anees Hussain Coaching Centre

Aug 2024- Present

- Conduct computer classes for students, focusing on fundamental and advanced concepts of programming, IT, and computer applications.
- Guide students through practical exercises and projects to strengthen their technical understanding and problem-solving skills

#### Pak Askari Intermediate College

Aug 2024- Present

- Teach core Computer Science subjects to disciplined and high-achieving students in a prestigious Army-affiliated intermediate college renowned for quality IT education and nation-building values.
- Develop engaging lessons, practical programming sessions, and exam preparation strategies to equip students for higher education in engineering, software development, and technical careers.

#### Aptech Learning

May 2023 - June 2025

- Delivered hands-on training sessions and workshops covering both front-end and back-end technologies to students and junior developers.
- Designed and implemented real-world projects and assignments to reinforce concepts in database management using MySQL and SQL Server.

## **Concordia College - A Project of Beaconhouse**

**Sept 2023 - July 2024**

- Taught A-Level Computer Science, covering topics such as programming, data structures, algorithms, and computer systems.
- Prepared students for Cambridge examinations through conceptual teaching, lab sessions, and exam-oriented practice.

## **EDUCATION**

### **Bachelor in Information Technology - Lincoln University, Malaysia**

**July 2024 - Sept 2025**

- Studied core subjects including Web Development, Digital Electronics and Logics, Object-Oriented Programming, Data Structure & Algorithms and Software Engineering.
- Gained practical skills in developing full stack web applications using PHP, Laravel, React JS, React Native and SQL Server.

### **Advanced Diploma in Software Engineering - Aptech Learning, Karachi**

**May 2020 - Dec 2023**

- Gained in-depth knowledge of software development life cycle (SDLC), database systems, and full stack technologies including ASP.NET, PHP, Laravel, Python and Dart/Flutter.
- Completed multiple real-world projects and lab exercises focusing on practical skills in web development, OOP, and database design.

### **Diploma in Aalim - Wifaq-ul-Madaris, Karachi**

**July 2019 - May 2020**

- Studied classical Islamic sciences including Tafsir, Hadith, Fiqh, Arabic Grammar (Nahw & Sarf), and Islamic Jurisprudence.
- Developed strong analytical, linguistic, and interpretive skills through deep engagement with primary religious texts and scholarly commentary.

## **PROJECTS**

- Hospital Management System - PHP
- Mobile Shop - PHP
- Shopping Cart - PHP
- Payment Integration - Laravel
- Catering Management System - ASP .NET MVC
- Scientific Calculator - C++

## **CERTIFICATES**

- Google Soft Skill Program - PAFLA
- Certified Trainer - Aptech Learning
- Entrepreneurship - Injaz Pakistan
- Cyber Security - Cisco Networking Academy
- AWS Cloud Practitioner Essentials

## **LANGUAGES**

- Urdu - Expert
- English - Intermediate
- Arabic - Basic