

# Adeel Ali Yousaf

## Software Engineer

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🇵🇰 Pakistani 🧑 Male 🔗 adeelaliyousaf.github.io/Portfolio 📄 adeel-ali-yousaf-b10b87232

🔗 AdeelAliYousaf

## Profile

Highly motivated and detail-oriented **Full-Stack Software Engineer** with hands-on experience in building responsive web applications using **Laravel, React.js, PHP, JavaScript, Python, ASP.NET** and **MySQL**. Strong foundation in computer science principles with a passion for developing academic and commercial projects. Demonstrated ability to design scalable software solutions, implement APIs, and create intuitive UIs. Adept in building **SPAs and PWAs**, deploying projects to shared hosting, and integrating AI-driven tools. Committed to continuous learning and leveraging modern technologies to solve real-world problems efficiently.

## Education


**BS Computer Science, University of Sialkot** 09/2024 – 08/2026 | Sialkot, Pakistan  
Equivalent to 16 years of education / MSc (as per HEC Pakistan)

**Associate Degree in Computer Studies, University of Sialkot** 03/2022 – 08/2024 | Sialkot, Pakistan  
14 years of education, The Associate Degree Program (ADP) in Pakistan is a 2-year accredited degree, equivalent to a 2-year BSc.

## Skills

C# • ASP.NET • Laravel • SQL • JavaScript • React JS/TS • Python • C++ • Problem Solving •  
Software Development • Database Administration • Java • Machine Learning • REST API • DSA •  
CI/CD Basics

## Certificates

**Electronic Arts Software Engineering virtual experience program on Forage - August 2025**   
Completed Electronic Arts Software Engineering Virtual Experience Program on Forage (Aug 2025), gaining hands-on exposure to game development, debugging, and agile workflows.

**AWS Solution Architecture virtual experience program on Forage - August 2025**  
Completed AWS Solution Architecture Virtual Experience Program on Forage (Aug 2025), gaining hands-on exposure to Designing a simple, scalable, hosting architecture

**JP Morgan Chase & Co. Software Engineering virtual experience program on Forage - August 2025**  
Completed JP Morgan Chase & Co. ( Banking ) Software Engineering Virtual Experience Program on Forage (Aug 2025), gaining hands-on exposure to APACHE KAFKA, H2 Integration, REST API Integration, and REST API Controller

**Software Engineering**  
Completed "Software Engineering" certification from HackerRank, demonstrating proficiency in core software development principles and coding challenges.

## Courses

### CS50x, Harvard University

08/2025 – 10/2025 | Online

CS50x – Harvard University: Introduction to Computer Science, covering C, Python, SQL, web development, and algorithms.

### C# Foundational with Microsoft, Microsoft | FreeCodeCamp

07/2025 – 07/2025 | Online

Completed "C# Foundational with Microsoft" certification on freeCodeCamp, covering OOP, data structures, and .NET fundamentals.

### Getting Started with AI on Jetson Nano, NVIDIA

07/2025 – 07/2025 | Online

Completed "Getting Started with AI on Jetson Nano" by NVIDIA, covering fundamentals of AI, deep learning, and deploying models on edge devices

### Introduction to Cyber Security, CISCO

07/2025 – 07/2025 | Online

Earned "Introduction to Cybersecurity" badge from Cisco, covering foundational cybersecurity concepts, threats, and best practices.

### AI For Everyone, DeepLearning.AI | Coursera

09/2024 – 09/2024 | Online

AI For Everyone – DeepLearning.AI: Technical introduction to AI concepts, impacts, and applications.

## Projects

### CGPA Calculator with Smart Logics, React JS

08/2025 – 08/2025

A powerful, fun, and user-friendly GPA & CGPA calculator made specifically for students of the University of Sialkot (USKT). including Course Repeat Suggestion to gain desired CGPA using Smart Logics.

### Learning Management System, ASP.NET

06/2025 – 07/2025

This is a full-featured Learning Management System (LMS) built using ASP.NET Core MVC 9.0 with Entity Framework Core and ASP.NET Core Identity. The system is designed for educational institutions to manage students, teachers, courses, assignments, announcements, and grades effectively.

### Violence Detection System, Python (Jupyter Notebook)

05/2025 – 05/2025

Detect violent activity in short videos using a deep learning model powered by CNN+LSTM and an intuitive Gradio interface.

### Veritas Edge Global, B2B Web App

08/2024 – 08/2024

Developed this website for a US Client, a portfolio and ecommerce platform for apparels, featuring responsive design, SEO optimization, and a strong brand presentation.

### Final Year Project Management System, Core PHP

05/2024 – 06/2024

Final Year Project Management System The Final Year Project Management System is a comprehensive web application designed to streamline and manage the final year projects for students, teachers, and administrators. The system is developed using PHP, HTML, CSS, and Bootstrap 5, providing a responsive and user-friendly interface. The application includes three main portals: Admin, Teacher, and Student, each with distinct functionalities and access levels.

### Top In World Leather, Business Portfolio Website

03/2024 – 03/2024

I designed and developed this business portfolio website for a leather goods manufacturer and exporter based in Sialkot, Pakistan. The site showcases their product range, company profile, and global presence with a clean, responsive design. Built with modern web technologies, it emphasizes performance, SEO, and user experience, helping the business establish a strong digital footprint and attract international clients.

### The Smart WebCam, Python

09/2023 – 01/2024

The Smart Webcam project is a Python-based application designed to manage and monitor different types of cameras. It integrates various technologies and libraries to offer three main functionalities: webcam, IP webcam, and external camera support. The project uses Tkinter for the graphical user interface, SendGrid API for sending email notifications, CSV files for attendance marking, and dlib for face recognition.