

Usama Amanat

Software Engineer

I am a Software Engineer with a strong background in .NET (MVC & Core), JavaScript, SQL Server, Python, React.js, Machine Learning, and Full-Stack Development. I am passionate about building **smart, scalable, and user-centric products**, including web platforms and AI-driven systems that solve complex problems, streamline business processes, and deliver excellent user experiences.

✉ uamanat23@gmail.com 📞 +92339 4070105 📍 Lahore, Pakistan 🌐 portfolio-phi-eight-81.vercel.app

🌐 usama-ali-924643128

EDUCATION

Bachelors in Computer Science

COMSATS University Islamabad Lahore Campus
Feb 2016 - Feb 2020 | Lahore, Pakistan

WORK EXPERIENCE

Software Engineer

Data Intuitions

<https://dataintuitions.com/>

May 2025 - Present

Accomplishments / Tasks

- Developed a full enterprise website in **.NET MVC** with secure authentication, dynamic content, and SQL Server integration.
- Created a module to fetch and save structured data using **.NET MVC** and **SQL Server**, enhancing internal workflow automation.
- Created **document intelligence systems** extracting structured data from PDFs and images.
- Integrated **SmartyStreets API** into a **.NET MVC** app for real-time address validation and accuracy.
- Built **AI-powered interactive pages** and adaptive learning platforms for context-aware user experiences.

Associate Software Engineer

Digital Optimizer

digitaloptimizer.co.uk

Jan 2023 - May 2025

Achievements/Tasks

- Developed and deployed AI/ML models for process optimization and decision support
- Experience in developing and maintaining web applications using MERN Stack (MongoDB, Express.js, React.js, Node.js)
- Integrated machine learning algorithms into real-time systems
- Applied predictive modeling to automate and improve business workflows

SKILLS

JavaScript

Python

.Net MVC

.NET Core

NLP

Django

Flask

React

Machine Learning

Java

Oracle

SQL

Node js

C #

OOP

Data Mining

PERSONAL PROJECTS

Sound Recognition System

Development

Build a Sound Recognition App utilizing Deep Learning, Mel-spectrogram Extraction, CNN model for accuracy comparison

Eye Donation App

Development

Developed a streamlined platform for eye-donation registration and donor management.

AI-based Education Recommendation APP

Development

Created an advanced Django project for education recommendations using OpenAI, HTML, CSS, and Bootstrap 5

Healthcare Management System

Development

Developed .NET MVC interfaces to support efficient healthcare and administrative workflows.

LANGUAGES

English

Professional Working Proficiency

Urdu

Full Professional Proficiency