

Sana Karamat
Kohistan Enclave, WahCantt

Contact: (92)306 8168973
Email: sanamalik9909@gmail.com

Summary

- Over 2 year of experience in teaching Software Engineering domain and their core subjects that are requirement engineering, software engineering and object-oriented analysis and design, operating system.
- Over 3 months of industrial experience in designing, developing, and maintaining web applications using the Microsoft Technologies
- Knowledgeable with all phases of the Software Development Life Cycle (SDLC), including requirements, analysis, design, implementation, integration and testing, deployment, and maintenance
- Experience designing UML diagrams, including Use Case diagrams, Class diagrams, Interaction diagrams, State diagrams, and Deployment diagrams
- Experience in designing GUI screens using usability and design principles
- Expertise in Project Management Tool using MS Project and MS Visio, UML Case Diagram
- Well-versed in QA Methodology and QA Process to ensure Quality Assurance including Test Cases

Education:

- Master of Sciences in Software Engineering, Comsats University Islamabad, Pakistan, **January 2024**
- Bachelor of Science in Software Engineering, Capital University of Science and Technology, Islamabad, Pakistan, **June 2019**

Technical Skills:

Programming Languages	C++, OOP
Web Technologies	ASP.NET, MVC, HTML, Entity Framework, XML Web Services
Scripting Languages	JavaScript, jQuery
Markup Languages	HTML, DHTML, XML, Bootstrap 3
.NET Technologies	.NET Framework, Web Services, MVC.
Software Engineering	SDLC, UML, Agile Programming,
Database Development	SQL Server
Modeling and Testing Tools	Microsoft Visio

Work Experience:**Barani Institute of Management Science, Rawalpindi Branch.****May 2024 -- Present****Role: Worked as Lecturer****Responsibilities/Accomplishments:**

- Taught Object-Oriented Analysis and Design: Covered key concepts like classes, objects, inheritance, and design principles, with a focus on practical applications.
- Taught Software Engineering: Introduced students to the software development lifecycle, methodologies, and best practices, preparing them for industry challenges.

Orthiya Technology, Rawalpindi, Pakistan**July 2018 – September 2018****Role: Worked as “Intern”.****Responsibilities/Accomplishments:**

- Actively carried out responsibilities as net developer in front-end designing; gained hands-on experience in software designing, coding and debugging.
- Skillfully documented and tested new software applications Major Achievement:
- Successfully designed personal project for Howard International School Rawalpindi by employing visual studio.

Social Welfare Punjab**June 2017 – July 2017****Role: Worked as “Volunteer”.****Responsibilities/Accomplishments:**

- Worked as “Volunteer” Social Welfare Punjab and Bait ul Mall, Rawalpindi.
- Visit their different departments.

Projects:**MS Thesis: Probabilistic Analysis of Requirement Change Management Using Markov Decision Process****Bs Final Year Project: Whole Sale Management System Developed**

- A Node Too Far
- Consuming APIs CVRanking in Net(C#)
- Created heuristic and think aloud Report
- Water Distribution System (OOAD)

Achievements:

- Got 2nd position in speech competition.
- Organized Seminar on Psychology.
- Participated in several Sports