



Azeem Sarwar

(Data Engineer)

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SUMMARY

Software Developer with 2+ years of experience specializing in the design, development, and deployment of high-quality software solutions. Skilled in developing **Windows desktop applications**, cloud-based solutions in **Azure**, and implementing **DevOps processes** using tools such as **Azure DevOps**. Proficient in **.NET**, **C#**, and modern software development methodologies, with a strong focus on **clean code**, **software architecture**, and **agile processes**. Committed to delivering scalable and maintainable solutions while continuously enhancing skills in a collaborative environment.

SKILLS

Programming Languages: C#, .NET, SQL, Python
Frameworks and Libraries: .NET Framework, .NET Core, WPF, Entity Framework
Cloud Platforms: Azure (App Services, Functions, Storage), AWS (basic experience)
DevOps Tools: Azure DevOps, Git, CI/CD Pipelines, Docker
Tools: Visual Studio, Postman, Linux, PowerShell
Methodologies: Agile, Scrum, Clean Code Principles, Software Architecture

EXPERIENCE

Mid-Chain Technologies

Software Engineer

Hybrid

Jul 2022 – Sep 2024, Full-time

- Developed high-quality software solutions in the **.NET** environment, implementing robust Windows desktop applications.
- Designed and deployed cloud-based solutions using **Azure**, improving system performance by 30%.
- Collaborated with cross-functional teams to define and streamline **DevOps processes** using **Azure DevOps**, reducing deployment time by 25%.
- Led the adoption of **agile methodologies**, enhancing team efficiency and project delivery timelines.
- Optimized software performance by refactoring code and applying **clean code** principles, improving maintainability and scalability.

Freelance (Willder-Inc Japanese company)

Junior .NET Developer

Remote

Oct 2021 – Jan 2022, Full-time

- Built and maintained modular components for Windows applications using **.NET Framework** and **WPF**.
- Implemented and deployed small-scale cloud solutions in **Azure**, improving resource efficiency.
- Participated in agile development sprints, contributing to the delivery of high-quality software solutions on time.

PROJECTS

Alliance Platform

- Developed a **Python** and **React.js**-based web application designed to facilitate seamless collaboration among university departments for resource sharing and project management.
- Implemented secure user authentication and a dynamic dashboard for managing shared resources and project timelines.

- Optimized database operations using **SQL Server**, improving data retrieval speeds by 25%.
- **Awarded First Prize** for this project at the university’s annual software exhibition, recognizing its innovation and impact.

AWARDS & ACHIEVEMENTS

Gold Medal for Academic Excellence: Awarded for securing the 1st position in the Bachelor of Software Engineering program at Arid Agriculture University.

First Position Award for Final Year Project: Recognized for developing the best final year project in the field of Software Engineering at Arid Agriculture University.

RELEVANT COURSEWORK

Major coursework: Data Structures and Algorithms, Object-Oriented Programming, Software Engineering Principles, Database Systems, Operating Systems, Web Development, Mobile Application Development, Artificial Intelligence, Machine Learning, Cloud Computing, Distributed Systems, Computer Networks, Cybersecurity, Internet of Things (IoT), Human-Computer Interaction

Minor coursework: Discreet Structure, Linear Algebra, Probability and Statistics, Software Architecture and design

EDUCATION

Nordhausen University Of Applied Sciences	Nordhausen, Germany
<i>M.Sc. in Computer Engineering Internet of things; –</i>	<i>Oct 2024 – Present</i>
<i>GPA: 1.0/1.0</i>	<i>Expected Graduation: Oct 2026</i>
PMAS Arid Agriculture University	Rawalpindi, Pakistan
<i>B.S Software Engineering; –</i>	–
<i>GPA: 3.92/4.0</i>	<i>Gold Medalist, 1st Position in University</i>
FYP: Project Alliance – Win 1st Position in University	

HOBBIES AND INTERESTS

Open Source Contributions, Building Personal Projects, Public Speaking/Presentations

LANGUAGES

English | Professional Proficiency

Urdu | Native

German | Basic Level (A1)