

Sarmad Hussain

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SUMMARY

Dynamic Software Engineer with over 4+ years of demonstrated expertise, particularly in .NET Core and associated frameworks. My journey in software development has led me to excel in designing RESTful APIs and implementing intricate web applications that enhance user interactions remarkably. I have orchestrated multiple projects addressing real-time demands effectively while ensuring robust and efficient architecture. Notable accomplishments include spearheading mobile application innovations and boosting operational efficiency in warehouse management systems. Driven by a commitment to craftsmanship, I relish transforming conceptual prowess into practical achievements, working collaboratively to forge invaluable relationships across teams.

EXPERIENCE

Software Engineer

January 2023 - Present

NanoByteTechnologies

Lahore, Punjab

As a key contributor at NanoByteTechnologies, I leverage .NET Core and other technologies to create scalable backend solutions and streamline functionality across various platforms. My leadership role involves developing backend code for real estate applications that facilitate agent operations and client management. Additionally, I am instrumental in crafting full-stack capabilities in diverse projects, enhancing user experience through bespoke implementations that synchronize actively across devices.

- Led development of RESTful APIs for real estate management systems, focusing on seamless integration.
- Built comprehensive features for registration, staff management and lead tracking, creating an interactive UI interface, while maintaining high performance throughout.
- Designed API architecture aimed at synchronization and direct access in real-time, which significantly improved operational workflows.
- Contributed to both a cross-platform mobile application and warehousing systems via back-end optimization integrating Azure services.

Associate Software Engineer

October 2021 - December 2022

2B Vision Technologies

Lahore, Punjab

During my tenure at 2B Vision Technologies, I immersed myself in building sophisticated software solutions using C# and MVC frameworks. Through hands-on involvement in the entire development cycle, I crafted user-focused applications for varying market needs, including specialized payroll systems adhering to federal restrictions. This not only broadened my technical skills but also enhanced my collaborative dynamics with cross-functional teams to achieve shared objectives.

- Developed a hostel management system allowing interaction and services targeting international student influx effectively while encompassing access control mechanisms and online registrations.
- Enhanced a payroll solution tailored for US-based SMEs focusing strictly on regulatory compliance and documentation needs after thorough market research; receiving positive feedback from users post-deployment.
- Employed various methodologies to enhance user experience within organizational structures, researching process maps, facilitating changes, conducting iterative feedback sessions.

Software Intern

July 2021 - September 2021

Techesthete

Johar Town, Lahore

As an intern at Techesthete, I engaged academically centred projects implementing theoretical knowledge in practical environments, learning under experienced professionals, embracing rapid development methodology in short spans.

- Assisted in debugging pivotal components across internal platforms allowing shorter deployment cycles and more organized team collaborations moving forward.
- Supported the establishment of streamlined documentation processes to guarantee continuity between project phases, participating diligently in workflow optimizations.

PROJECTS

Agent App

Led the development of RESTful APIs for a real estate agent management application. The system featured comprehensive functionality for registering agents, managing their staff members, tracking leads, and implementing a robust calendar/event management system.

Brandpath X DHL | Warehouse & Order Management Systems

Developed QA portal for warehouse operations and enhanced Order Manager system with Helpdesk API integration and improved shipment procedures. Implemented Azure authentication and custom features for enhanced UX.

Brandhub MWA | Cross-Platform Mobile App

Created cross-platform mobile app for order management with real-time tracking, order creation, and status updates. Ensured data synchronization between mobile and web applications.

TheMyriad

Developed hostel management system for overseas students with online registration and service booking. Integrated access control system.

Payroll

A payroll management system specifically designed and developed for US market based on US laws for SMEs.

PORTFOLIO

Title: Portfolio Overview

Link: <https://my-portfolio-psi-lac-b3zc0142du.vercel.app/>

Description: A collection showcasing progressive codebases and innovative dialogue pursued through challenging scenarios—amplifying strengths creatively.

LEADERSHIP & AWARDS

- Employee of the Month at NanoByte Technologies - Celebrating ingenuity and resilience in tackling complex projects.
- Leadership Award during tenure at 2B Vision for consistently demonstrating remarkable analytic capabilities and technical expertise amid stringent deadlines.

EDUCATION

Bachelor's Degree in Computer Science	2020
Comsats University Islamabad GPA: 3.06	Sahiwal

TECHNICAL SKILLS

- **Backend Development:** C#, ADO.NET, EF Core, .NET Core 8
- **Frontend Technologies:** ASP.NET MVC, JavaScript, jQuery, Blazor
- **Mobile Development:** Xamarin.Forms, .NET MAUI, MVVM
- **Database Technologies:** SQL Server, Entity Framework
- **Cloud Computing:** Azure Services, Azure AD B2C
- **Version Control Systems:** Git, GitHub, Gitlab
- **API Design:** REST API, JWT Auth
- **Project Management Tools:** JIRA, Trello, Asana
- **Agile Methodologies:** Scrum, Kanban
- **Testing Frameworks:** NUnit, Mocha, Chai

PROFESSIONAL AFFILIATIONS

- Active member of the local tech community, participating regularly in meetups to share insights and bolster networking efforts.
- Volunteer in educational coding workshops aimed at empowering young programmers, encouraging practical engagement in technology.

REFERENCES

AVAILABLE ON REQUEST