

Moin Farrukh

Software Developer

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🔗 <https://moinfarrukh.github.io/Portfolio/>

PROFILE

I am a skilled full-stack developer with over 3 years of professional experience, specializing in backend development with ASP.NET Core at an expert level, and frontend development with React native at an intermediate level. I have worked extensively on designing scalable APIs, database management, microservices architecture, and integrating payment gateways. My proficiency extends to optimizing full-stack solutions and collaborating effectively on cross-functional teams to deliver high-quality, performance-driven applications

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER

RAFI GROUP 🌐

03/2023 – present
Lahore, Pakistan

- **API Development:** Design, develop, and maintain scalable and secure RESTful APIs using .NET Core to ensure seamless backend functionality and integration with frontend applications.
- **Database Management:** Design and optimize database schemas, ensuring efficient data storage and retrieval, while maintaining the security and integrity of the data.
- **Troubleshooting & Debugging:** Conduct in-depth code reviews, identify performance bottlenecks, and resolve technical issues across the application stack.
- **Server Deployments:** Oversee and manage the deployment of applications on servers, ensuring smooth operation and minimal downtime.
- **Client Reporting:** Generate comprehensive weekly and monthly reports for clients, outlining all feature updates, bug fixes, and improvements made during the specified time frame.
- **Collaboration:** Work closely with frontend developers and cross-functional teams to implement cohesive, fullstack solutions.
- **Version Control:** Manage code repositories using Git for version control, ensuring effective code review processes and maintaining clean, optimized codebases.

NOC OFFICER

KING REVOLUTION INC. 🌐

02/2022 – 02/2023
Lahore, Pakistan

- Worked on core networking concepts.
- Utilized software like 5G, JeraSoft, and VoipMonitor for network management.
- Implemented virtual real-time routing systems.
- Conducted network troubleshooting and optimization.
- Collaborated with teams to ensure reliable network operation

IT OFFICER

BAHRIA TOWN 🌐

06/2020 – 10/2020
Lahore, Pakistan

EDUCATION

BS COMPUTER SCIENCE CGPA 3.4

QARSHI UNIVERSITY 🌐

08/2019 – 02/2022
Lahore, Pakistan

PROJECTS

OnlineRafiGroup 🌐

01/2024 – present

Rafi Group Online Property Management and Purchase Portal


- Developed an online customer portal for property registration, booking, and purchasing of commercial and residential properties.
- Enabled customers to manage payments, including dues and monthly installments.

- Built using ASP.NET Core and Web APIs for a scalable and efficient backend.
- Integrated OneLink payment method for seamless and secure transactions.
- Designed and implemented scalable RESTful APIs using Identity Server 4 within a multi-tenant microservices architecture.

GrandStream LMS

08/2023 – present

Real-Time Lead Management and Customer Engagement Portal

- Successfully Integrated Lead Management System (LMS) into the company's Internal System using ASP.NET  Core and Grandstream REST APIs.
- Real-Time Lead Capture: Enables the marketing team to receive leads instantly as they are generated on the website.
- Integrated RabbitMQ for asynchronous communication, improving system responsiveness and reliability.
- Immediate Response: Facilitates prompt replies to customer inquiries, significantly boosting conversion rates.
- Improved Sales Efficiency: Streamlines the sales process by ensuring timely follow-ups with potential customers.

Social Media Platform Integration's

05/2023 – present

Real-Time Lead Capture Integration with Pabbly Connect

- Successfully integrated Pabbly Connect using .NET APIs with our company's internal lead management system.
- Captures real-time leads directly from Facebook and Instagram ad forms.
- Enables the sales team to engage with potential customers instantly.
- Boosts sales performance by improving efficiency and responsiveness.
- Enhances customer interactions, leading to increased sales.
- Positive impact on business growth and overall performance.

Oracle NetSuite

07/2023 – present


Integration of Oracle NetSuite with Internal CRM Financial and HR Module

- Successfully integrated Oracle NetSuite with the company's internal CRM using .NET APIs.
- Automated synchronization of debit and credit transactions in the Account Module.
- Ensured each transaction is sent to NetSuite with detailed client information.
- Linked HR payroll system with NetSuite for accurate and efficient payroll processing.
- Connected HR attendance module with NetSuite for improved attendance tracking and reporting.
- Improved data accuracy and operational efficiency in financial and HR management.

OneLink Payment Integration

05/2024 – present


Integration of iLink and Other Banking Systems and Optimized Database Solutions for CRM Platforms

- Integrated various banking systems into internal CRM platforms for efficient financial transactions and data synchronization.
- Utilized HATEOAS to improve API navigation and scalability.
- Optimized database structures in SQL Server and Oracle to handle high-volume transactions with minimal latency.
- Ensured reliable and scalable performance for financial operations.
- Implemented authentication and authorization using ASP.NET  Web APIs to enhance security.

RG Scan App

04/2024 – present

Advanced Event Management Application using Barcode Scanner

- Developed an Event Management App using ASP.NET  Windows Forms Application for seamless event deployment.
- Successfully implemented at an Expo Centre event, showcasing its robust capabilities.
- Barcode Scanning: Enables quick and accurate entry management using barcode technology.
- ID Card and Phone Number Search: Allows attendees to be searched by ID card or phone number for flexibility.
- Enhances event management efficiency, improving the experience for both organizers and attendees.

Number Guessing Game

01/2025 – present

Developed a Three-Page Number Guessing Game in React Native (Expo)

- Designed and implemented an interactive number guessing game using React Native with Expo.
- Developed a dynamic user interface with engaging gameplay mechanics.
- Integrated multiple screens for a smooth and immersive user experience.
- Utilized state management to handle user interactions efficiently.
- Optimized performance for a seamless gaming experience.
- Ensured responsiveness across various mobile devices.
- Followed best practices in mobile development for scalability and maintainability.

Fixed Asset App

11/2024 – present

Fixed Asset App In React Native (Expo)

- Developed a Fixed Asset Management application using React Native Expo.
- Integrated a barcode scanner for real-time asset verification.
- Designed and implemented a secure ASP.NET Web API for asset validation against a centralized database.
- Ensured seamless communication between the mobile application and backend services.
- Optimized API performance for faster and more reliable responses.
- Enhanced asset tracking accuracy and reduced manual verification efforts.
- Improved operational efficiency by streamlining asset management processes.

CERTIFICATES

IT Basics

PICIT August 2015 - Present

Cisco Certified Network Associate (CCNA)

Corvit Networks August 2021 - Present

React Native Certification

Udemy February 2024 - Present

SKILLS

ASP.NET Core	<div><div></div></div>	Identity Server 4	<div><div></div></div>
Database Management	<div><div></div></div>	3rd Party Integrations	<div><div></div></div>
RabbitMQ/Kafka	<div><div></div></div>	Microservices Architecture	<div><div></div></div>
Payment Gateways	<div><div></div></div>	Razor Pages	<div><div></div></div>
React Native (Expo)	<div><div></div></div>		

LANGUAGES

English	<div><div></div><div></div><div></div><div></div><div></div></div>	Urdu	<div><div></div><div></div><div></div><div></div><div></div></div>
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