Abdul Rafay

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Summary!

Skilled **Full-Stack Developer with 2.5** years of experience in ASP.NET,Core MVC Webform, DevExpress, React, RESTful APIs, and databases. Expertise in building high-performance scalable web applications with seamless front-end and back-end integration. Passionate about optimizing code, problem solving, and delivering efficient software solutions.

Education

University of Sindh, BS in Software Engineering   jan 2028 – dec 2021

- GPA: 2.80/4.0 (Degree)
- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

Experience

Software Engineer, Intrapreneur   Oct 2023 – PRESENT

- Implemented user management and security features in ASP.NET, reducing unauthorized access incidents by 30
- Integrated DevExpress controls, enhancing UI functionality and boosting user satisfaction by 25
- Designed and developed ticket management, customer, bank, terminal, and merchant modules, streamlining data workflows
- Built SSRS reports, providing actionable analytics to stakeholders
- Optimized database performance using dynamic stored procedures and developed Windows services to automate critical tasks

Junior Software Engineer, BaseCampDataSolution   Nov 2022 – Aug 2023

- Automated business processes by developing intuitive user interfaces, enhancing operational efficiency
- Provided ongoing technical support for operations, ensuring smooth system functionality
- Designed and optimized database queries, improving performance and reducing execution time
- Developed and maintained web applications using ASP.NET Core, ASP.NET MVC, and RESTful APIs
- Collaborated with cross-functional teams to troubleshoot issues and implement effective solutions

Software Engineer Intern, BaseCampDataSolution   June 2022 – Oct 2022

- Developed an OLX-style buy-and-sell website using ASP.NET Core, ADO.NET, and MSSQL, enabling seamless product listings and transactions.
- Built a screen-sharing tool using C# and socket programming, allowing remote real-time collaboration.
- Created a paint tool using Windows Forms and C#, implementing essential drawing functionalities.
- Gained hands-on experience in full-stack development, database management, and real-time communication systems.

Certification

Diploma in information technology DIT   DEC 2021

Hyderabad, *NAVTTAC*

Projects

POSWorker Solution

- Built a ticket management system for POS, merchant contracts, and Loyalty Program.
- Integrated 3rd-party APIs (WalaOne, SAMA), etc.
- Created SSRS reports and automated tasks using Windows Services.
- Ensured system stability, performance, and compliance.

- Tools Used: C#, ASP.NET MVC5, DevExpress, WebForms, SQL, JSON.

Point Of Sale Inventory Management System NOV 2023

- Developed a POS API Based Project using C# and ASP.NET Core 8, implementing JWT-based authentication with Identity. Designed and managed the database, integrated Swagger for API documentation, and handled CORS. Built purchase, sales, stock, and repair modules for an electronics shop.
- Tools Used: C#,.NET, ASP.NET CORE, SQL, Api, JWT Token JSON

Move Document Service FEB 2023

- Developed a Windows Service to automate merchant document processing, reading CSV files from a source folder. Implemented data validation based on business logic, moved valid files to the target folder, and generated detailed logs using Serilog.
- Tools Used: C#, SQL Window Service, Serilog

TMS Parser JUNE 2023

- Developed a Windows Service (TMS Parser) to detect duplicate records and ensure accurate data processing. Implemented MERGE statements for efficient insertion and updating of records, maintaining data integrity and consistency.
- Tools Used: C# SQL, Window Service, Serilog

Technologies

Languages: C#, SQL, Java, JavaScript, XML, JSON,

Technologies: .NET, Microsoft SQL Server, Android Studio, SSRS Report Builder, Spring Boot, React