MUHAMMAD REHAN
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FULL STACK DEVELOPER

Skilled software developer with 5 years of experience implementing the complete Software Development Life Cycle using .NET Core and React.js/Angular and to design and develop complex software solutions in a high-performance, secure environment for industries like financial technology, Retail and Healthcare. Strong coder and analyst, able to translate gathered requirements into detailed technical specifications and create a variety of modules, services, and systems to meet client expectations using C#, React.js, Angular, JavaScript, SSMS and Azure Devop's. Ready to bring my creative expertise to the next game-changing venture!

Back End /Front End • React Programming • JWT/OWIN Authentication & Authorization • Design Patterns • Database Design & Implementation • Microservices • Containerization • API Development & Integration • SDLC • TDD • Legacy Systems • Middleware • Interceptors

Languages: C#
Web: JavaScript, TypeScript, HTML5, CSS3, jQuery, Ajax, Bootstrap
Web Services: Microservices, REST, SOAP, JSON, XML
Web/App Servers: IIS, Apache
Frameworks: .NET Core, React.js, Redux.js, Angular, Blazor (MVC, Security, Data, AOP, Dependency Injection, Cloud)
Databases: MS SQL, MySQL
Design Patterns: Repository, CQRS, Mediator, MVC, Singleton, Prototype, Session, Session Factory, Observer, Strategy
SDLC: Agile/Scrum, Waterfall, Kanban
Tools: Visual Studio, VS Code, Git, GitHub, GitHub Actions, TFS, MS Azure, SSMS, Azure ADO, Docker, Postman, Slack. Team, JIRA
Platforms: Windows, Mac OS

PROFESSIONAL EXPERIENCE

TROON TECHNOLOGIES, Rawalpindi, Pakistan • 2021-2022
Web Development Company providing clients with digital Fintech and Blockchain solutions.

Software Engineer: Developed and maintained fintech application and NFT marketplace from the ground up. Added new features on front end and back end, managed CI/CD pipelines, while working in an agile environment managing backlog items using Azure ADO.

- Developed a complete digital banking system from ground up. Integrated different third-party banking solutions with white label solutions.
- Integrated third-party REST and SOAP APIs, implemented claim-based authentication, and developed APIs for seamless system communication.
- Designed and implemented core architecture for front end and back end.
- Significantly improved performance of existing application by migrating legacy React codebase to allow adoption of React-hooks.
- Participated in different cross domain applications to review and improve existing codebase for maximum scalability.
- Led a team of 7 full-stack developers to integrate and consume third-party content.

Technologies Used:, C#, .NET Core, React.js, Blazor, *Typescript ,JavaScript, MS SQL, Azure Devop's,*

MTBC, Rawalpindi, Pakistan ● 2019-2021
Publicly traded American healthcare Information Technology Company that provides medical billing solutions to practices all around United States.

Software Engineer: Developed large scale medical billing solutions to manage claims, insurances, and practices. Daily, weekly, and monthly reports for internal teams to analyze large amount of data in well-presented format.

- Added new features in existing large-scale system using .NET Core and Angular.
- Developed Part A Institutional Claim Form, Part B Claim Form for medical billing and practice provider profile for new practice onboarding.
- Generated multiple reports for billing operative managers summarizing large amount of data into paginated tables and charts.
- Migrated legacy codebase from Angular 4 to Angular 7+ and SOAP APIs to RESTful APIs using .NET Core to enhance system performance and to achieve high scalability.
- Managed smooth CI/CD deployment in different environments such as Test, UAT, and Production.
- Worked with complex stored procedures in SQL databases. Trained new team members.

Technologies Used: *C#, .NET Core, Angular, React, TypeScript, JavaScript, MS SQL, TFS.*

HARFSOL TECHNOLOGIES, Rawalpindi, Pakistan ● 2017-2019
IT company providing software solutions for inventory and finance management.

Software Engineer: Developed multiple ePOS systems for mobile retail shops, pharmacies, and restaurants. Worked on inventory, payroll, supply chain, HR modules in web-based system for food processing industry particularly flour mills association.

- Worked on .NET based desktop ePOS systems for different domains.
- Greatly enhanced legacy project by migrating from desktop to web-based application.
- Close interaction with SQL database using LINQ to SQL queries and stored procedures.
- Implementation of UI/UX mockups to create interactive and smooth user experience.
- Collaborated closely with client to efficiently identify, refine, and develop new requirements.
- Crytal reports for desktop systems to generate interactive and well managed reports.
- Working closely with systems architects to improve code quality.

Technologies Used: *C#, .NET Core, Angular 7, React.js, TypeScript, JavaScript, Azure Devop's, MS SQL, TFS.*

A-Tech IT Services, Manchester, England ● 2018-2019
A-Tech IT Services LTD UK was established in 2010 in London, UK initially with a motive to establish an IT Company by providing the one stop IT solution for business clients

Consultant Software Engineer:
I was representative of Harfsol Technologies and Worked on Site with Team in England.
Worked on ERP Module to Integrate D365 Product of A-Tech with Food Manufacturing Product Line of Harfsol Technologies, The Process Went Smooth, It added a lot of value in my experience.

Technologies Used: *C#, .NET Core, .NET Framework Software Development Life Cycle (SDLC), Agile Methodologies · Full-Stack Development, Client Requirements, and Agile Environment*

EDUCATION & PROFESSIONAL DEVELOPMENT

Certifications and Professional Development:
AZ-400 Designing and Implementing DevOps Certification 2022
Microsoft SQL Server 2016 Certification (70-765)
Microsoft SQL Server 2016 Certification (70-764)

Master of Science in Computer Science
(In progress via distance education; expected completion December 2024)
Maharishi International University – Fairfield, Iowa

Key Courses: *Fundamental Programming Practices; Modern Programming Practices; Database Management System; Enterprise Applications; Algorithms; Big Data Technologies; Web Application Programming, Web Application Architecture; Cloud Computing, Advanced Software Developments.*

Bachelor of Science in Software Engineering (2017)
Bahria University – Islamabad, Pakistan

Center of Development and Excellence (CODE) (2015)
Islamabad, Pakistan
It was 3 month's training program, I Learned how to build a fully functional Website using HTML, CSS, JavaScript and Php.