Tayyab M

Senior Software Engineer, 9+ years experience
Islamabad, Pakistan
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Highly experienced Senior Software Engineer with 9 years of expertise in designing, developing, testing, implementing and troubleshooting cloud-native software solutions. Proficient in C#, .NET Core, JavaScript, SQL, NoSQL and Cloud (Azure and AWS) Services, with a keen eye for quality and a collaborative mindset.

INDUSTRIES: Healthcare, Consumer Goods and Services

TECHNICAL SKILLS

• C#	9 years & 4 months
• HTML	9 years
• JavaScript	9 years & 4 months
• .NET Web API	9 years
• .NET	9 years & 4 months
• JavaScript ES6	8 years
• entity Framework	8 years
• .NET Core	7 years
• React	6 years
• React Redux	6 years
• MySQL	6 years
• React Native	5 years
• SQL Server	3 years
• Docker	3 years
• .NET Framework	3 years
• Microservices	2 years
• Microsoft Azure	2 years & 6 months
• AWS	2 years
• Azure	2 years & 6 months
• NoSQL	1 years

SOFT SKILLS

Problem Solving, Critical thinking, Teamwork, Communication

PROJECT DETAILS

• Health related system — June-2022 - November-2022

Project Description: The project was an enterprise project related to health domain. It was using multiple services and was based on multiple modules, built using Django, .Net, Web Forms, C# and others. I have built the module for the project from scratch using different architectural and design patterns.
Responsibilities: Built project from scratch using .net tech stack and followed Clean Architecture with Observable Pattern. Designed database structure.
Technologies: .NET Core, .NET 6, C#, Azure DevOps, Azure, Azure App Service, Azure Functions, Cloud Architecture, Docker, Enterprise Architecture, Moq, NUnit, PostgreSQL, RabbitMQ, Test Driven Development (TDD), REST Api, Unit Testing, Clean Architecture, Entity Fram
Industry: Healthcare

• IoT Based Platform

Project Description: The project is based on IoT infrastructure, and it includes hardware devices, gateway devices, web applications, micro-services with SQL and NoSQL databases. I am leading the team work closely with solution architects to build strong and efficient architecture.
Responsibilities: Managed Azure services (IoT hub, Azure functions, App Services, SQL Server, Container Registries, Key Vaults, Virtual Machines). Resolved queries and helped end users using service now.
Technologies: JavaScript, Angular, TypeScript, C#, .NET Core, .NET 7, Azure, Docker, InfluxDb, MSSQL, MySQL, Azure DevOps, Azure App Service, Virtual Machines, Azure IoT Hub, Azure Key Vault, Azure SQL, Grafana, MS SQL Server, REST Api, Micro-services, Event-driven
Industry: Consumer Goods and Services

EMPLOYMENT HISTORY

• Senior Software Engineer

Description: Maintained web applications (hosted in Docker containers) and resolved bugs using C#, .NET Core, JavaScript, TypeScript and Angular resulting in improved user experiences and increased client satisfaction. Improved performance of the solutions, like slow generation of reports in certain cases, reduced load of database servers. Collaborated with cross-functional teams based in different countries to identify and solve complex technical challenges. Proactively identified and resolved potential risks and issues.

• Consultant Development July-2021 - November-2022

Systems Limited
Description: Applied comprehensive knowledge of the Software Development Life Cycle (SDLC) to develop software applications using modern technologies such as C#, ASP.NET Framework, .NET Core, MVC, SQL Server, MongoDB, JavaScript (React and Angular) and Docker. Participated in code reviews by using Git and suggested changes to improve code quality. Integrated Azure services (Service Bus, Web Jobs, App Services, Azure Functions) for optimal cloud-based solutions, resulting in improved system efficiency. Mentored and provided technical guidance to junior developers to foster team growth.

• Lead engineer November-2014 - June-2021

We Are Nova
Description: Achieved career growth within the organization, progressing from a Junior Software Developer to a Lead Engineer position. Worked on multiple startup projects and followed Agile methodologies (SCRUM, Kanban), led and developed micro services, software and web applications including RESTful APIs using .NET tech stack (C#, .Net Core, Asp.Net framework), JavaScript (React JS and Angular), MySQL and MongoDB. Developed mobile applications using React Native for Android and IOS and deployed it to App Store and Play Store. Provided technical guidance and support to team members, assisting them in resolving technical issues and fostering their career growth and development.

EDUCATION

• Masters degree in Software Engineering from Bahria University, Islamabad, Pakistan 2015 - 2018

• Bachelors degree in Information Technology from Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi, Pakistan 2010 - 2014

LANGUAGES

• English - advanced

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