

MUHAMMAD SALMAN KHALID

SENIOR BACKEND/FULL-STACK ENGINEER

AZURE CERTIFIED DEVELOPER



ABOUT

An accomplished engineer with 11+years of experience in the design and development of scalable web architecture using cutting-edge technologies.

A talented, self-motivated, service-focused, team player and hardworking individual, with vast skills and experience in Health care, Education, finance, and law firms related projects.

I possess sound technical expertise primarily in C#, .NET React, AWS/Azure Cloud, and Big Data.

CORE COMPETENCIES

- Developing and designing the application architecture.
- Hands-on experience in SDLC including Agile Scrum & Kanban methodologies.
- Strong interpersonal, communication and conflict management skills.
- Client interaction, and communication.
- Ability to manage and build teams.

CONTACT INFO

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WORK HISTORY

Senior Backend/Full-Stack Engineer

NorthbaySolutions, Lahore, Pakistan | 2020 - Present

Working as a backend engineer on the design and development of cloud-based platforms empowering data-driven healthcare plans using .Net Core, Web API, NUnit, SQL server, Microsoft Azure in an Agile/Scrum development model.

- Responsible for gathering requirements and analyzing and then preparing system requirements specification for the solution.
- Implement the WebAPI
- Designed and Created database objects such as stored procedures, functions, and triggers.
- API response time performance improvements
- Deployment of Web API on azure cloud
- Unit and integration testing
- Code Reviews
- Scrum & effort estimation (Azure DevOps)

Senior Backend/Full-Stack Engineer

NorthbaySolutions, Lahore, Pakistan | 2015 - 2020

Worked as a full stack engineer on the design and development of a web-based research platform that ensures law firms, accounting firms, corporations and other organizations stay compliant with government regulations using ASP.NET MVC, Microservices, React, RESTful APIs, AWS webservices in an Agile/SCRUM development model.

- Design & development of scalable web architecture
- Identification and implementation of microservices
- Worked on the Notifications/Alerts module (capable of performing thousands of searches)
- Handling of multithreading using Task Parallel Library
- Design & implement reusable front-end components.
- Generated the Excel files.
- XML and Json Parsing
- Email Integration
- Code Reviews
- Scrum & effort estimation (Jira)

CERTIFICATION & ACCREDITATION

- **AZ-305:** Designing Microsoft Azure Infrastructure Solutions
- **AZ-900:** Microsoft Azure Fundamental Certification.
- Accredited AWS Technical Professional
- Snowflake hands on essentials courses (Data Sharing, Data Warehouse, and Data Application)
- Completing the Udemy Course on MERN

TOOLS AND TECHNOLOGIES

.Net Core, Asp.Net Web API, RESTful APIs, Docker, C#, LINQ, MERN, Microservices, NUnit, Dapper, Entity framework, Swagger, JWT, TopShelf, Log4Net

Amazon Web Services (AWS), Microsoft Azure Cloud

React Typescript/JavaScript, Redux, Context Api

GIT, TFS, JIRA, Azure DevOps

Agile methodologies, Test Driven Development (TDD), Swagger, Postman, SumoLogic

DATABASES

SQL Server, MySQL, MS SQL Server Management Studio, MY SQL Workbench

EDUCATION

Bachelor's Degree in Information Technology

PUNJAB UNIVERSITY COLLEGE OF INFORMATION TECHNOLOGY (PUCIT)
Lahore, Pakistan | 2006 - 2010

Senior Software Engineer

Apponative, Lahore, Pakistan | 2014-2015

Worked as a Mobile developer and developed different iOS applications and games using Objective C and cocos2d.

- Path Driver for Reading: Interactive Application having assessment options for school.
- TimeBom Application: Images/Videos editor, to make videos and share with friends list

Software Engineer

NorthBay Solutions, Lahore, Pakistan | 2011-2013

Worked as a Mobile developer and developed different iOS applications and games using Objective C and cocos2d. Integrated the Facebook api and maintained the stats on leaderboard.

- MiniEmpires: Developed Top-rated strategy game (combination of Risk and Farmville)
- Wordly Wise 3000: Dynamic and interactive Application for grades 2-12 students to improve academic vocabulary.