**Muhammad Raza Shah**

Full-Stack Software Engineer

Shape**Summary**

A result-driven full-stack software engineer with 5+ years of experience in the implementation of Software Development Life Cycle (SDLC) in an agile environment. Expert in writing secure, readable, and easily maintainable source code in open-source environments such as NodeJS, ReactJS, and AngularJS. A skilled communicator, and self-motivated individual with excellent troubleshooting and analytical skills whilst having exposure to working with both business and technical stakeholders. Adapts quickly to changing requirements while maintaining a level head under pressure.

Shape**Key Skills and Competencies**

**1. Technical Expertise:**   
 • Muhammad has 5+ years of experience as a full-stack software engineer  
 • demonstrating proficiency in various programming languages such as JavaScript  
 • TypeScript  
 • C#  
 • C++  
 • TSQL  
 • Python  
 • and Java. He has also worked with web development frameworks like ReactJS  
 • NodeJS  
 • AngularJS  
 • and has experience with database management systems like MongoDB  
 • MSSQL  
 • and MySQL.  
  
**2. Technical Toolkit:**   
 • Muhammad has hands-on experience with tools and technologies such as Docker  
 • SonarQube  
 • ESLint  
 • and version controlling systems like GIT and Gitlab. He is also familiar with Agile methodologies like Scrum and Kanban.  
  
**3. Communication and Collaboration:**   
 • Muhammad has strong communication skills and has experience working with both business and technical stakeholders. He is a skilled communicator and can effectively collaborate with team members to achieve project goals.

Shape**Academic Summary**

- Master of Science in Computer Science  
- Bachelor of Science in Computer Science

Shape**Work Summary**

**Project:** Non-Profit Fund-Raising – Web Application & Backend Processes

Environment: ReactJS, NodeJS, MongoDB, Scrum, Zoho Sprints, GIT, Stripe

Outline: A web application where users can donate to different types of causes and show their support by participating in ongoing campaigns. The product included scheduled jobs running at different intervals to perform tasks related to calculations of amounts for a given cause or even to notify users when their support was requested or an action performed on their behalf.

Responsibilities: Developed new features, worked on the backend as well as the frontend of the application, troubleshooted and fixed bugs, built REST APIs for exposing data with the web client, built scheduled services, optimized processing time to reduce server response time, integrated payment merchant.

**Project:** Public Facing Charity Application – Mobile Apps and Management Web Portal

Environment: ReactJS, Native iOS, Native Android, .Net Core Web API, RESTful API, EF, MS SQL Server, Swagger, JWT, GIT, Zoho Sprints, Scrum

Outline: A public-facing mobile app where users can pay charity on a subscription model and one-time payments, consisting of a Web interface for management so the operations team can execute the received amounts accordingly and reports for finance.

Responsibilities: Led the development of the web portal, integrated Payment merchant for subscription and one-time payments, developed APIs to be consumed by Mobile and Web Portal, worked on Notification services for users, carried out subsequent payment handling through received webhooks.

**Project:** NGO’s Volunteers collaboration & donation recording Application – Web & Mobile Based App

Environment: ReactJS, .Net Core Web API, EF, MS SQL Server, Swagger, JWT, GIT, Zoho Sprints, Scrum, Native iOS, Native Android

Outline: A large-scale mobile app platform that provides geographically spread-out volunteers access to record donations received from their specific donors for specific causes. The mobile app consisted of functionalities like a recording of donations, providing digital receipts, and an overview of campaign activity and achieved targets. The web portal was used by the operations team, finance, and top-level managers to view their volunteers’ records and modify recordings or add any missed-out donations.

Responsibilities: Developed APs and API documentation, used React.js for the frontend development, wrote Mock APIs for the frontend team and QA team to start early and finish times in the sprint, assisted the QA team in understanding achieved sprint goals, worked on the development of a web portal.

**Project:** Non-profit fund-raising app’s Report Portal – Web Application & Backend APIs

Environment: NodeJS, MongoDB, Angular, Scrum, Zoho Sprints, GIT

Outline: A reporting portal for the fund-raising website to be used by operations and finance to fetch reports on a daily basis consisting of different timelines and different types of causes.

Responsibilities: Communicated with the client and understood the business requirements, developed new functionalities using Node.js, added new features to existing functionalities, troubleshooted bugs and provided fixes without affecting existing functionality, worked as a part of an international team and had frequent meetings with offshore business stakeholders, modified existing configurable controls and provided new configurable settings where applicable.