Muhammad Alian Khan - Software Developer

A dedicated and detail-oriented computer science professional with a passion for developing innovative solutions to complex problems. As a natural problem solver, who has taken on several projects, I have developed an ability to work both independently, and in teams, and am eager to apply my knowledge to real-world problems.

Academic Summary

BS Computer Science - FAST National University of Computer and Emerging Sciences

Tech Stack/ Skills:

JAVA, Spring Boot, MongoDB, MySQL,Postgres, MongoDB, Tomcat, Javascript,Angular, React, VueJs,NodeJS, ExpressJS, Typescript, React Native, Flutter, Object Oriented Analysis and Design, Design Patterns, Agile Scrum, Kanban,GIT, Bitbucket

Work Summary

Qavi Tech - Software Engineer - 2023 - Present

Skills: Java, Flutter, Spring Boot, Node.js, Angular, PostgreSQL, MSSQL

Outline: At Qavi Tech, I have contributed to a variety of projects, with a significant focus on leveraging my expertise in Web development.

Football Club Application (Java, Spring Boot):

A sports club application which helps in maintaining club records, players performance, matches records, attendance and financial detail. This application uses RFID for attendance marking. And a mobile version for coaches to record player performance. A desktop version for management and for attendance.

Flutter OCR Application (Java,Spring Boot):

Developed a Flutter application integrated with a Spring Boot backend for capturing advertisement images and converting them into text using OCR technology. This solution streamlined data extraction processes, enhancing operational efficiency.

Qavi's Client Website Enhancement (hypowerinc.com):

◦ Collaborated on enhancing the client website "hypowerinc.com," utilising Angular for the frontend and Node.js for the backend.
◦ Implemented bug fixes and integrated a document viewer with annotation-saving functionality, enhancing user experience and document management capabilities.

◦ Worked on OCR technology from Google Cloud's DocumentAI, enabling advanced document searching and processing capabilities
◦ Oversaw the implementation of cron jobs for efficient document processing

Art Shop Website Development:

◦ Played a role in the development of "artcopie.de," an art shop website for a Qavi Tech client. This project was built using Angular and Node.js.
◦ Focused on creating search pages with robust filtering options, ensuring that users could easily locate desired art pieces.
◦ Implemented user profiles and personalized recommendation systems to enhance the user Experience.

Achievements:

- Dean's List (Fall 2020)
- Teachers Assistant - (Programming Fundamentals)