MUHAMMAD ANS KHAN

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Software Engineer with 3+ years of experience in Full Stack Web and Mobile App Development, with expertise in developing and deploying scalable applications on cloud platforms.

SKILLS

Technical Skills:

- **Frontend**: Html, Css, JS, Bootstrap, jQuery, ajax, Tailwind, React, Angular
- **Backend**: .NET, .NET Core, Rest API's
- **Mobile Development**: Android, Flutter
- **Databases**: MySQL, MS SQL, PostgreSQL, MongoDB, Firebase, SQLite, ORMs
- **Version Control**: Git, GitHub, Bit bucket, GitLab
- **Cloud Services, Containerization & Deployment**: AWS, MS Azure, Docker, Linux
- **Integrations**: Stripe, Google Auth
- **Debugging and Troubleshooting**

Soft Skills:

- Rapid Learner, Problem Solver, Team Collaboration, Effective Communication

EXPERIENCE

Software Engineer — 2024 - Present

Atrule Technologies - Onsite

- Contributed in revamping legacy ASP pages application to .NET web forms increasing application performance and load times.
- Build and deployed services using .NET core, Azure Functions and Azure Services Bus Queues.
- Worked with ASP, ASP.NET Core, Web APIs, Web Forms, MS SQL Server, Ms Azure.
- Developed web scraping scripts using Python to get products images by name.
- Utilized version control systems like Git, GitHub for code collaboration and to keep sync with teams.

.NET Engineer — 2022 - 2024

Algosden Solutions - algosden.com

- Architected, developed and deployed full stack applications using .NET, .NET Core, SQL server, SSRS.
- Worked on complex and functional applications using ASP.NET Core MVC, razor pages, CSS, JavaScript, Bootstrap, jQuery, Javascript charts.

Full Stack Engineer — 2022 - 2024

Freelance/Remote

- Architected, developed and deployed full stack applications with varied tech stacks including using .NET, Django, php, Node.js.
- Developed mobile applications using Android and Flutter
- Managed and optimized databases including MySQL, MS SQL, PostgreSQL, MongoDB, Firebase, and SQLite for integrity and performance.
- Utilized Git, GitHub, Bitbucket, and GitLab for streamlined collaboration and code management.

- Utilized the superpower of AWS and MS Azure for deploying scalable applications.

Front-end Engineer 2021 - 2023

Freelance/Remote

- Developed proficiency in core web technologies, transforming UI designs into dynamic HTML templates.
- Built responsive websites using HTML, CSS, JavaScript, Bootstrap, jQuery, and WordPress.

PROJECTS

Personal Portfolio Website - https://anskhan.netlify.app

Fuel Station Information System - ASP.NET Core MVC

- Developed and deployed a comprehensive web-based application with 15,000+ lines of code using ASP.NET Core MVC to manage and track fuel station operations.
- Optimized fuel inventory management by allowing real-time tracking.
- Implemented reporting and analytics to visualize data with charts and graphs, enabling better decision-making.
- Implemented secure user authentication and authorization, with role-based access control for Admin, Manager, and Staff.
- Technologies: C Sharp, ASP.NET Core MVC, Razor Pages, OOP, SQL, Microsoft SQL Server, HTML5, CSS3, JavaScript, Bootstrap, Javascript Charts.

Full Stack - Party Invites App - .NET Core

- Developed a web-based Party Invites App using .NET Core to manage, and track party invitations and RSVPs.
- Integrated secure user authentication and authorization using ASP.NET Core.
- Implemented responsive UI with ASP.NET Core MVC, Razor Pages, Bootstrap, and jQuery for seamless user experience across devices.
- Deployed to Microsoft Azure with Azure App Service and Azure SQL Database.
- Technologies: C Sharp, ASP.NET Core MVC, Razor Pages, OOP, SQL, Microsoft SQL Server, HTML5, CSS3, JavaScript, Bootstrap.

Automated University TimeTable Scheduler - Django

- Engineered a tool using Django(Python's Web Framework) to automate and decentralize university timetabling.
- Addressed inefficiencies by shifting from centralized to distributed scheduling.
- Implemented secure user authentication and authorization, with role-based access control for administrators and teachers.
- Designed and integrated features for administrators and teachers to create personalized timetables.
- Implemented two scheduling methods:
  - **Randomized Scheduling:** Auto-generates timetables without specific preferences.
  - **Personalized Scheduling:** Customizes timetables based on user preferences.
- Reduced timetable creation time and effort, enhancing user satisfaction and organizational efficiency.
- Technologies: Django, Python, Django ORM, PyCharm, VS Code, MS SQL server, JavaScript, jQuery, HTML, CSS.

EDUCATION

Bachelor of Information Technology, University of Education - **3.6/4.0** 2020 - 2024
Fsc - Pre Engineering, City College Multan - 88% 2018 - 2020
Matric, Govt. Comprehensive Higher Secondary School - 88% 2016 - 2018

CERTIFICATIONS

Technical Domain - NFTP 2021

Full Stack Web App Development Training - Punjab Information Technology Board