

MUHAMMAD ANS KHAN

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Software Engineer with 3+ years of experience in Full Stack Development. Proven ability to design scalable applications, integrate advanced APIs, and leverage cloud platforms for robust solutions.

SKILLS

Technical Skills:

- **Frontend:** HTML, CSS, JS, Bootstrap, jQuery, Ajax, Tailwind, React, Angular
- **Backend:** Django, .NET, .NET Core, Rest API's, NodeJS
- **Databases:** SQL Server, PostgreSQL, MongoDB, MySQL, SQLite, ORMs, EfCore
- **Mobile Development:** (Familiar): Android, Flutter
- **Tools:** Git, GitHub, Bit bucket, GitLab, Azure DevOps, Postman, Swagger
- **Cloud:** AWS, Azure, Docker, Netlify, Vercel, Heroku, VPS, Linux
- **Integrations:** Stripe, Twilio, MS Graph, MS Teams, OAuth 2.0, SSO, Webhooks

Soft Skills:

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

EXPERIENCE

Software Engineer

June 2024 - Present

Atrule Technologies - Onsite

- Developed and optimized scalable web solutions by revamping legacy systems, building robust backends with .NET and Azure services, automating workflows, ensuring performance and efficiency.

Key Projects:

- **Skeddle LMS App**
 - Contributed to the integration of MS Teams API for event and webinar management, leveraging Microsoft Graph API and OAuth 2.0 for seamless authentication and data synchronization.
 - Technologies: Angular, .NET Core Web API, MS Teams API, MS Graph API, OAuth 2.0, C#.
- **Wynshop Customer Notification App**
 - Built a .NET Core Web API backend supporting secure role-based authentication, order management, and Twilio-powered SMS notifications with URL shortening.
 - Technologies: .NET Core Web API, Twilio, CQRS, Role-Based Authentication, Rebrandly URL Shortening, C#, React Js
- **Automated Job Scheduling Service**
 - Engineered a job scheduling system using Quartz.NET, Azure Functions, and Queues, with a dashboard for job management and cron-based scheduling.
 - Technologies: Quartz.NET, .NET Core, Azure Functions, Azure Queues, Cron Expressions, C#.

Software Engineer

Jan 2022 - June 2024

Algosden Solutions - algosden.com

- Designed, developed, and deployed full-stack web applications using ASP.NET Core and modern front-end technologies like Razor Pages, JavaScript, and Bootstrap.

Key Projects:

- **2do.us**

- Developed and deployed a comprehensive web solution using Django to manage communities, tickets, invoices integration with stripe, secure role-based authentication, reporting.
- Technologies: Django, Jinja Templates, OOP, Python, Postgres, HTML5, CSS3, JavaScript, Bootstrap, Stripe.

- **Fuel Station Information System**

- Developed and deployed a comprehensive web solution using ASP.NET Core MVC to manage fuel station operations with secure role-based authentication, reporting and analytics charts enabling better decision-making.
- Technologies: .NET Core MVC, Razor Pages, OOP, C#, SQL Server, HTML5, CSS3, JavaScript, Bootstrap, JavaScript Charts.

Full Stack Engineer

2022 - 2024

Freelance/Remote

- Designed and developed full-stack applications using diverse technologies, including .NET, Django, PHP, and Node.js.
- Created mobile applications with Android and Flutter

Front-end Engineer

2021 - 2023

Freelance/Remote

- Translated UI designs into dynamic and responsive websites using HTML, CSS, JavaScript, Bootstrap, and jQuery.
- Built and customized websites on WordPress, ensuring functionality and optimal user experience.

PROJECTS

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

Automated University TimeTable Scheduler - Django

Built a tool to easify the hectic and stressfull process of organization timetabling. Problem needed to solve was to make the process distributed instead of the current centralised timetable scheduling process. Keeping provided features for admin and teachers to solve the problem and create personalized timetables. Implemented two ways to get the final scheduled timetable, i.e. Randomised and personalized timetables

- Developed a tool using Django to decentralize timetabling, reducing timetable creation time and effort, enhancing organizational efficiency.
- 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.
- 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