# MUHAMMAD ANS KHAN

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Fresh Graduate - Software Engineer with over 3 years (including undergraduate) of experience in Full Stack Web and Mobile App Development

## 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 |

## SKILLS

**Technical Skills:**

- **Full Stack Development**: Node.js, MERN Stack, Django, PHP, ASP.NET Core, Rest API's

- **Mobile Development**: Android, Flutter

- **Databases**: MySQL, MS SQL, PostgreSQL, MongoDB, Firebase, SQLite

- **Version Control**: Git, GitHub, Bitbucket, GitLab

- **Cloud Services, Containerization & Deployment**: AWS, MS Azure, Docker, Linux

- **Debugging and Troubleshooting**

**Soft Skills:**

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

## EXPERIENCE

**Full Stack Development**                                                                                       2022 - Present
Freelance/Remote

- Architected and maintained full stack applications with varied tech stacks including using Django, PHP, ASP.NET Core, Node.js, and the MERN Stack.
- Engineered mobile applications using Android and Flutter
- Managed databases including MySQL, MS SQL, PostgreSQL, MongoDB, Firebase, and SQLite.
- Utilized version control systems like Git, GitHub, Bitbucket, and GitLab.
- Deployed apps on AWS and MS Azure with Docker on Linux, debugging systems

**Front-end Development**                                                                                       2021 - Present
Freelance/Remote

- Gained expertise in core web technologies, detailed at https://anskhan.netlify.app/projects
- Developed websites using HTML, CSS, JavaScript, Bootstrap, jQuery, and WordPress.

## PROJECTS

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

**Stock Inventory Management - MERN Stack, Node.JS**

- Engineered a Full stack Web app Utilizing the Node.JS to manage the stock inventory of the store
- Technologies: React JS, MySQL, Express, Node JS

**Automated University TimeTable Scheduler - Django**

- Developed a tool using Django to automate and decentralize university timetabling.
- Addressed inefficiencies by shifting from centralized to distributed scheduling.
- Implemented features for administrators and teachers to create personalized timetables.
- Developed two scheduling methods:
  - **Randomized Scheduling:** Auto-generates timetables without specific preferences.
  - **Personalized Scheduling:** Customizes timetables based on user preferences.
- Technologies: Django, Python, MS SQL server, JavaScript, jQuery, HTML/CSS.
- Reduced timetable creation time and effort, enhancing user satisfaction and organizational efficiency.

**Navigation App - Flutter**

- Engineered a mobile app helping to navigate through map(pre loaded) fully offline. Utilized socket server with embedded sensors to get coordinates, speed and other meta data.

## CERTIFICATIONS

**Technical Domain - NFTP**                                                2021

Full Stack Web App Development Training - Punjab Information Technology Board