

# Muhammad Furqan Nasir

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## Education

**FAST - NUCES**

Bachelor of Computer Science

**Islamabad, PK**

2024

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## Experience

**Plural Dynamics: RepairBox**

**React Developer Intern**

**Remote**

May 2023 – July 2023

- Proficiently utilized modern frontend tooling such as Vite, Webpack, and npm packages, contributing to a collaborative team environment while enhancing frontend development practices.
- Played a key role in developing an intuitive repair services platform using React.js, Tailwind CSS, Ant Design, and Reactstrap. Collaborated on both user-side and admin-side portals, implementing React Router v6 for dynamic interfaces, RESTful APIs via Axios, and effective state management for improved performance and user experience.
- Contributed significantly to bug resolution, code reviews, and team meetings, ensuring high coding standards, seamless functionalities, and efficient data management, including user authentication and permissions integration.

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## Projects

**CarRozgaar**

Sep 2023 – Present

**Final Year Project**

- Creating a web portal facilitating company advertisement campaigns, integrated with CarRozgaar Mobile App for user subscription and car wrapping services, enhancing revenue opportunities for users based on their travel data.
- Innovatively introduced features like real-time car sticker previews via an in-app model, and an in-app video authentication system, ensuring user engagement and security.

**Doctor Appointment System**

Sep 2023 – Dec 2023

**DevOps Course Project**

- Dockerized microservices using Dockerfiles for streamlined packaging and distribution. Implemented CI/CD pipelines with Github Actions, enabling automated versioned image building and deployment triggered by changes on PR's and main branch.
- Orchestrated Kubernetes Deployment & Service for microservices, following best practices for environment variables and maintaining centralized Kubernetes manifests. Optimized by configuring resource allocations for memory and CPU. Also used liveness probe to enhance container health and reliability.
- Unified deployment process with a single Docker-Compose file, easing the management of multiple microservices and their associated database.

**Terminal-CRUD**

Dec 2023 – Present

**Personal**

- Web Portal that mimics a terminal to perform operations like uploading a csv file, fetching data from a binance API to get the price of a bitcoin pair. I have used the Recharts library to draw a simple line chart based on the columns input by the user. *Stack: Flask, Next JS, Tailwind CSS, MongoDB, Python*

**Todo-Task-Management**

Aug 2023 – Sept 2023

**Personal**

- Web Portal that signs up, logs in and authenticates users. It also utilizes session time. Users can do CRUD operations on their day to day tasks. *Stack: React JS, Tailwind CSS, Node JS, Express JS, MongoDB*

**GrabTasks**

Jun 2023 – Oct 2023

**Product**

- Web Pages of a product aimed at developing a platform that promotes skill based hiring by providing various areas for candidates to build their portfolio and companies to hire them based on their niche. *Stack: Next JS*

**AUXI Admin Portal**

Sept 2021 - Jun 2022

**Product**

- Product that aims at enhancing student life at the university by providing a platform where students can see their time table, connect to the photocopier, place orders in the cafeteria etc. *Stack: Vue3 JS, Firebase*

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## Skills & Certificates

**DevOps:** Dockerfile, Docker, Kubernetes, CI/CD, Github Actions, Minikube

**Development:** React JS, Next JS, VUE 3, HTML/CSS, Javascript, Tailwind CSS, Bootstrap, MySQL, MongoDB, Supabase, Firebase, Express JS, Node JS, Python, Flask

**Other:** C/C++, Java, Git, Data Structures, OOP, Problem Solving, Critical Thinking, Teamwork, Communication

**Certificates:** Coursera: Introduction to Frontend Development (META), Programming with Javascript (META)