

# MAMOON KHAN

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## Professional Summary

Passionate about **Full Stack Developer**, expertise in both front-end and back-end technologies, proficient in **Python, Node.js, Express.js, React.js, React Native, Django, C# (C sharp), ASP.NET core, Firebase, MySQL**, and adept at integrating **APIs**. Additionally, possess familiarity with **Large Language Models (LLMs)** for enhanced project capabilities.

## Education

FAST, NUCES

Bachelor's in computer science

Pakistan

August 2020 - June 2024

## Skills

**Front-end Development:** JavaScript, React, React Native, Python, Django, ASP.NET, C#, Redux, EJS, Tailwind, Bootstrap, CSS, HTML

**Back-end Development:** Node.js, Express.js, Python, Django SQL (including MySQL2, Microsoft SQL Server, PostgreSQL, Oracle), Firebase

**Transferable Skills:** Project Management, Problem Solving, Communication, Collaboration

## Experience

### Software Developer Trainee at TenX

June 2024 - Present

- Started learning Django, a Python backend framework, to build web applications.
- Developed and maintained web applications using the Django framework, enhancing functionality and ensuring optimal performance.

### Internship Trainee at CodersCave

Nov 2023 - Dec 2023

- During my internship, I focused on React Native and Express, gaining expertise in front-end and backend development.
- I honed React Native skills for dynamic UIs and mastered Express for server-side tasks like routing and API development, preparing for future web dev challenges.

### Freelancing

Ongoing

- As a freelance web and app developer, I've created a Pokémon game app for a recent client. This project, along with others, has provided me with diverse learning experiences, expanding my skill set. I continue to seek new challenges and opportunities to further refine my abilities in the realm of web and app development.

## Selected Projects

### Cat Connect App

React-Native, Redux, Firebase

- This is my FYP in which I developed a mobile application to assist users in finding the most suitable cat breed for their preferences and lifestyle.
- Integrated features allowing users to interact with experienced veterinarians for cat consultation and advice.
- Utilized Natural Language Processing (NLP) techniques to analyze comments and likes to determine ratings for both doctors and cat breeds.
- Implemented algorithms to recommend the best cat according to his cat profile.

### Lost and Found System

React, Node, Express, SQL

- Developed a comprehensive lost and found website to facilitate item recovery for users. Enabled users to report lost or found items by providing detailed descriptions and relevant information.
- Integrated email notification system to alert users when their lost items are found, ensuring efficient communication.

### Furniture Hub

React, Node, Express, SQL

- Developed a furniture website using Node.js, Express.js, and SQL database for seamless user experience.
- Implemented user-friendly interface allowing visitors to explore various furniture designs.
- Integrated contact functionality, enabling users to easily reach out for inquiries or purchases.

### Weather App

Express, AJAX, EJS, CSS

- Created a user-friendly Weather App that utilizes the Open Weather API, allowing users to access detailed weather information for any location worldwide.
- By implementing Ajax, users can seamlessly retrieve real-time weather data without page reloads, enhancing the app's responsiveness and user experience.

## Selected Certifications

Databases and SQL for Data Science with Python (with Honors) from Coursera

Microsoft Learn AI Skills Challenge from Microsoft