

Umar Qazi

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Socials

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 - Portfolio: <https://portfolio-website-drab-eta.vercel.app/>
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Summary

AREA OF EXPERTISE

- Motivated Computer Science graduate skilled in MERN stack. With a Bachelor's from FAST-NUCES and hands-on experience through internships, I've developed a strong foundation in full-stack development. My expertise lies in building dynamic web applications and managing complex systems, and I'm eager to apply my skills to impactful projects.
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Experience

REALZ SOLUTIONS

Web Development Intern

(Sep 2024 - Present)

- Technologies: React.js, Node js, Express Js, MongoDB, TypeScript, Twilio, Google Api (Gemini)

AL-BURHAN INSTITUTE

IT Team Volunteer

(Oct 2024 - Present)

- Technologies: Google Apps Script, Excel

MUGUTECH

Web Design and Development Intern

(June 2024 - August 2024)

- Technologies: React.js, Express js, Node js, MySQL, Figma, Multer, Wordpress
 - [Certificate of Completion](#), [Letter of Recommendation](#)
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Education

NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES (FAST-NUCES ISB)
Bachelor's in Computer Science

(2020-2024)

Skills

- C/C++
- JavaScript
- Node.js
- Express.js
- React.js
- MongoDB
- MERN
- SQL
- MySQL
- Python
- AWS
- HTML
- CSS
- Linux (Ubuntu, Kali)
- Wordpress
- Figma
- TypeScript
- Tailwind CSS

Briefly worked in

- Java
 - Go
 - Solidity
 - Vue.js
 - .NET
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Projects | GitHub

- **Final Year Project (MERN, FLASK, Tensorflow)** | [Repo Link](#)

MindSight: Anxiety Detection using AI

A system that uses artificial intelligence to track emotions , monitor speech sentiment and physiological cues to detect anxiety in a person while the person answers a series of questions. I led the development of web-based components using the MERN stack, overseeing both frontend and backend integration, and collaborated with team members to successfully integrate IoT devices and AI models.

- **CookBook Application (MERN, TypeScript, Shadcn/UI, GSAP, Edamam API)** | [Repo Link](#)

Developed a dynamic platform allowing users to access millions of recipes from the API with customizable results through various filters. Also providing conversion tools for users assistance. Created using the MERN stack with TypeScript. Responsiveness ensured with shadcn components. (A work in progress). [Take a Look](#)

- **Code Converter Application (React, Express, Node js, Gemini API)** | [Repo Link](#)

An application that converts your code into another selected programming language of your choice. Supports conversion between JavaScript, Python, C/C++ and Java along with error detection. [Take a Look](#)

- **Laundry Application (MERN) | [Repo Link](#)**

A small project made for personal use in order to keep track of laundry going to the washerman. Basic implementation of CRUD operations. [Take a Look](#)

- **Portfolio Website: (React, GSAP) | [Repo Link](#)**

Portfolio website in order to exhibit web development skills and as a comprehensive platform for people to know and contact me. [Take a Look](#)

- **Hospital Management System: (React.js, Node, Express, MySQL, TypeScript) | [Repo Link FE](#) / [Repo Link BE](#)**

An admin side hospital management system that can register and display doctors and patients. It uses Multer for image uploading. There are modals to display the details of doctors and patients. There is a page to assign doctors to a patient and calculate the billing for the patient, with a downloadable invoice. For the frontend, we used a library called Shadcn, which provides beautifully designed, customizable components.

- **Transport Booking App: (MongoDB, Express.js, React, Node.js) | [Repo Link](#)**

A dynamic application, streamlining the online booking process for customers. Users can seamlessly sign up, book rentals with specified details, and track their reservations globally. On the admin side it facilitates comprehensive fleet management, enabling administrators to oversee vehicles and drivers, manage bookings, set fare based on fuel prices, assign drivers, and maintain a flexible fare system for predefined routes. The application highlights my proficiency in full-stack development with a focus on user-friendly online booking and robust fleet management functionalities.

Side Projects (Non-Academic)

SIDE HUSTLE

- Aside from computer science, one of my keen interests lies in the financial markets, particularly the cryptocurrency market. I have been in this field since December 2021 and have learned technical analysis, market structure, risk management, and the basic set of skills required for success in financial markets.
- I currently run two YouTube channels as well in which I'm trying to teach the skills I've learned over the time which include Programming and my knowledge of the financial markets.

ENTREPRENEURIAL EXPERIENCE

- During the COVID-19 pandemic in 2020, I started a small business on FoodPanda (a food delivery service) where I cooked from home and delivered through the platform. This experience provided me with valuable entrepreneurial skills.