

Shehzain Hassan

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SUMMARY

Highly analytical Computer Science graduate with extensive experience in full-stack development, proficient in both frontend and backend technologies. Experienced with React, Redux, NodeJS, and Express, with a solid understanding of Webpack and ES6. Skilled in integrating payment gateways like Stripe, using Git for version control, and writing unit and integration tests with Jest. Adept at quickly learning new languages and technologies, applying web standards to create efficient, scalable applications. Possesses strong problem-solving abilities, excellent communication skills, and a proven track record of effective teamwork.

EXPERIENCE

Web Developer

Freelance

March 2024 – May 2024

- Developed and successfully deployed a responsive Hotel Management Web app leveraging the MERN stack (MongoDB, Express, React, NodeJS).
- Implemented user authentication and data handling with Firebase and integrated Stripe for secure payment processing.
- Enhanced website performance and user experience through efficient coding practices, while improving code coverage with unit and integration tests using Jest.

Front Desk Officer

FAST NUCES

June 2023 – August 2023

- Developed strong organizational and multitasking abilities by managing daily front desk operations, ensuring smooth and efficient workflow.
- Improved problem-solving skills through handling customer inquiries and resolving issues promptly, enhancing customer satisfaction.
- Enhanced communication and teamwork by coordinating with different departments, fostering collaboration and effective office management.

PROJECTS

ProTrack – FYP | Web Application

September 2023 – June 2024

- ProTrackr serves as a web-based FYP Management System designed for Students, Advisors, Evaluators, and Committee Members to simplify the FYP life cycle management. This comprehensive management system leveraged React JS, Node JS (Express), MongoDB, Firebase, and Chakra UI.
- Implemented user authentication with Firebase Authentication and JWT, enhancing security and user data protection.
- Integrated Firebase Cloud Storage for file storage, increasing storage efficiency and accessibility.

Facebook App | Web Application

March 2024 – May 2024

- Built a Facebook clone that mimics the actual Facebook UI with the ability to manage friends, create and delete posts, publish, and alter comments. Developed the front-end using React JS and Tailwind CSS to create an intuitive and responsive user interface.
- Implemented backend functionalities with Node JS (Express) and Firebase for seamless data management and real-time updates, ensuring efficient handling of posts, comments, and friend management.

HelpGenic | Mobile Application

September 2022 – December 2022

- Developed a one-stop solution for patients to find the right donors and doctors nationwide using Java and Android Studio.
- Integrated Google Meet API to enable seamless online consultations, allowing patients to consult doctors from the comfort of home.
- Utilized MySQL for efficient data management and storage, ensuring reliable and secure access to patient and donor information.

EDUCATION

BS Computer Science

FAST – National University of Computer and Emerging Sciences • Lahore, Pakistan • 2024 • GPA: 3.30

- Learned key concepts in Programming, Data Structures, and Algorithms.
- Developed strong analytical abilities and a solid foundation in Computer Science principles.
- Honorable mention in the Dean's Honour List (DHL).

A-Level

Lahore Grammar School, Johar Town • Lahore, Pakistan • 2020

- Achieved Straight A's

O-Level

Crescent Model Higher Secondary School • Lahore, Pakistan • 2018

- Achieved Straight A's

SKILLS

- Frontend Technologies:** Expertise in React, Next.js, JavaScript (ES6)/TypeScript, Webpack, strong in CSS (CSS Frameworks: ChakraUI, Tailwind and Library: Styled Components), HTML.
- Backend Technologies:** Proficient in Node.js, Express.js; skilled in developing RESTful APIs.
- Databases:** Proficient in NoSQL databases like MongoDB and Firebase, as well as Relational Databases including MySQL and Microsoft SQL Server.
- Version Control:** Skilled in using Git for source control management.