

Muhammad Zafar

☎ 0311 4519122 ✉ zafarr.pk@gmail.com @mzafarr [in linkedin.com/zafarr](https://www.linkedin.com/zafarr) [www mzafarr.github.io](https://www.mzafarr.github.io)

EDUCATION

University of Central Punjab CGPA: 3.94 / 4.00

Lahore, PK

Bachelor's in Computer Science

Feb 2022 – Present

Courses: Object Oriented Programming, Data Structures & Algorithms, Databases

SKILLS

- **Languages:** TypeScript, JavaScript, Python, C/C++, MySQL MongoDB, HTML/CSS
- **Frameworks/Libraries:** Next.js, React.js, Node.js, Express, Flask, Mongoose, Tailwind CSS
- **Developer Tools:** Firebase, Git, Docker, GraphQL, Prisma, Contentful, ChatGPT, VS Code

PROJECTS

Password Manager | *Mongodb, React, Express, Node.js, TypeScript, Tailwind* | [Link](#)

- Implemented encryption techniques to ensure the safe storage and transmission of user passwords.
- Created a user-friendly, responsive interface using Tailwind for seamless user experience.
- Designed and implemented user authentication functionality using JSON Web Tokens (JWT) for secure login and access control.

Custom Chatbot – *Next.js, Firebase, TypeScript, Tailwind, gptAPI* | [Code](#)

- Integrated chatbot with Next.js and Firebase for seamless user experience and real-time data storage.
- Chatbot uses gpt-4 API to respond with intelligent responses.
- Designed conversational flow and ensured intuitive user interactions.

Chat Application – *Next.js, TypeScript, Firebase* | [Link](#)

- It leverages the power of server-side rendering for enhanced performance and user experience..
- Integrated Firebase Authentication for secure user registration, login, and authentication.
- Implemented image uploading functionality, allowing users to easily share images within the chat application.

Tesla Website Clone | *React.js, Styled Components* | [Link](#)

- Developed a responsive book management system using Vanilla JavaScript..
- Implemented responsive design principles to ensure the website is optimized for various screen sizes.

Weather App | *Next.js, TypeScript, GraphQL* | [Link](#)

- Developed a responsive book management system using Vanilla JavaScript.
- Integrated GraphQL for efficient data fetching and retrieval from multiple sources.
- Designed a responsive and user-friendly interface for seamless user experience.

CERTIFICATIONS

- **Backend Development with APIs** - *freeCodeCamp* | (in progress)
- **JavaScript Algorithms and Data Structures** - *freeCodeCamp*
- **Responsive Web Design** - *freeCodeCamp*