

Erbaz Zafar

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EXPERIENCE

Full Stack Developer, [Netrex](#)

March 2025 - Present

- Developed and Implemented modern and interactive frontend Interfaces, ensuring seamless user experience.
- Built and maintain robust REST APIs to ensure smooth interaction between the frontend and backend systems.
- Integrated secure payment gateways and developed middleware to enforce gateway requirements, ensuring safe and efficient API communication across frontend and backend.
- Led the deployment process with containerizing the whole project using Docker and Docker Compose resources, and ensuring timely updates for ongoing improvements.

PROJECTS

Affare Doro | MERN stack

- It is a full-stack E-commerce platform that is built using the NextJs framework, that helps in buying and selling of the vented items.
- Deployed the application on a Linux-based VPS using PM2 for process management, ensuring persistent, crash-free runtime
- Integrated and managed a MongoDB database secured with authentication and IP whitelisting, hosted on the same VPS.

MentorVerse (FYP)

- Developed a full-stack web application using Nextjs, MongoDB, Nodejs, Expressjs.
- And using the React Library for the scalable and interactive platform, leveraged Tailwind CSS for a modern and responsive UI.
- Implemented robust security features, with NextAuth, JWT for authentication and secure communication.
- Google and Github signIn functionalities are provided as well.
- Stripe integration is done for the secure payments

Book Mahal | MERN stack

- Built a full-stack book management platform using MERN stack with the Nextjs Framework
- While using the typescript to maintain the type security of my application.
- Implemented full CRUD functionality, enabling user to create, read, update and delete books record.
- Containerized the application through Docker and deploy it via Vercel.

QR Code Generator | API Handling

- Handled APIs and DOM manipulation to create the QR codes for the respective input fields.

Random Password Generator | React Hooks

- Using React hooks to generate random passwords with customizable length and the option to include numbers or any special character using the Vite.

EDUCATION

The University of Lahore

- Bachelors – in Computer Science (BSCS)

CGPA - 3.16

SKILLS

Programming Languages: Javascript, Typescript, Html, CSS

Programming Essentials: OOP, Data Structures.

Technical Skills: React, Nodejs, Expressjs, MongoDB, MySQL, nextAuth, JWT, Docker, Docker Compose

Communication & Teamwork: Collaboration with cross-functional teams, including product managers and stakeholders.