

Erbaz Zafar

Phone: 03037549569 | Lahore, Pakistan.
erbazzafar11@gmail.com | [LinkedIn](#) | [GitHub](#)

EXPERIENCE

Full Stack Developer, [Netrex](#)

March 2025 - Present

- Developed and implemented modern and interactive frontend Interfaces, ensuring seamless user experience.
- Built scalable REST APIs to ensure smooth interaction between the client and server.
- Integrated secure payment gateways, developing middleware to handle authentication, authorization, and secure transactions across the application
- Integrated secure payment gateways and developed middleware to enforce gateway requirements, ensuring safe and efficient API communication across frontend and backend.

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 sign in 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, implementing full CRUD functionalities for book record
- Implemented CI/CD pipelines with Jenkins, automating code retrieval from GitHub, Docker image builds, and container deployment on AWS EC2 instances.
- Utilized S3 bucket for scalable and secure cloud image storage
- Utilized Vercel for frontend hosting to make the website publicly accessible with seamless and efficient production releases.

[Notes-App](#) | [CI/CD Jenkins](#)

- Developed a Notes application using Django as the backend framework.
- Provisioned AWS EC2 instances and configured security groups for secure deployment.
- Leveraged Jenkins to automate CI/CD workflows, including cloning from GitHub, building, pushing Docker images, and deploying the application on AWS.

EDUCATION

The University of Lahore

- Bachelors – in Computer Science (BSCS)

CGPA - 3.16

SKILLS

Programming Languages: Javascript, Typescript

Programming Essentials: OOP, Data Structures.

Technical Skills: React, Nodejs, Expressjs, MongoDB, MySQL, JWT, Oauth, Jenkins, Terraform (IaC), Docker, Docker Compose

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