

# Muhammad Shahzad Ali

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Lahore,Punjab,Pakistan



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## SOFTWARE ENGINEER

Proficient MERN stack engineer adept at crafting scalable backend Apis with MongoDB, PostgreSQL, Node.js, and Express.js. Skilled in creating intuitive user interfaces and exceptional user experiences using React.js and Next.js

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## EDUCATION & CERTIFICATIONS

### BS Artificial Intelligence sep2023 to current

University of Management and technology

Udemy Full stack development by andrew ng

Harkirat Cohort 2 full stack development by  
Harkirat Singh

## HOOBIES

Travelling

GYM / Workout

Reading

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## SKILLS

### Frontend:

React.js, tanstack/reactQuery  
Next.js  
Tailwind.css  
shadcn, recoil, Zustand,  
redux toolkit

### Backend

Express, Hono  
MongoDb, PostgresSql  
Next.js Server side( server actions  
) webSockets, Redis, Backend  
Communication, queues.

### Technologies

Languages: javascript, typescript  
others: git, github, vercel,  
cloudflare, vite, astro  
npm packages,  
monorepo/turborepo

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## PROJECTS/ EXPERIANCE

1 year plus experiance in react and next.js, typescript and other development technologies

### Next14-LMS-webapp

Developed a dynamic language learning platform using Next.js 14, Tailwind CSS, TypeScript, HTML, and XML. Implemented state management with Zustand and user authentication with Clerk. Created an admin page with React-Admin for streamlined content management.

### Mern Paytm Project

Developed a Paytm-inspired project using the MERN stack( react.js, mongodb), with a focus on secure and reliable transaction handling. Implemented session management to ensure seamless and secure user interactions during transactions.

### Blog Website backend deployed on cloudflare

Created a blog web application using Next.js and PostgreSQL, with a MERN stack backend featuring RESTful APIs developed by me. Implemented advanced functionalities for seamless content management and user interaction also created the Admin page for the blog web app.

### Stripe like Paytm with Next.ts and PostgreSQL

Developed a payment platform resembling Paytm with Next.js and PostgreSQL, ensuring secure transactions and smooth user experiences. Customized REST APIs on a MERN stack provide advanced features for enhanced security and user interaction.

### Chat Application with WebSocket server

Built a real-time chat application using a WebSocket server, Express, and Next.js 14. Designed the user interface with Tailwind CSS, enabling seamless and responsive communication between users.

### Movie Rating frontend

react query movie rating project using restFull api from rapid api, provides the one day caching, to avoid the unnecessary api calls, stack: react, tailwind, tanstack v5/ react-query

### Crypto frontend web app

Developed a dynamic cryptocurrency application utilizing React, Redux, and Chart.js for real-time data visualization and seamless user experience. Integrated Ant Design for a modern UI and Axios for efficient rapid API handling.

TODO app, small express api, admin dashboard, chatbot using OpenAi API, portfolio websites.