

Muhammad Huzaifa

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Summary

Experienced Full-Stack Developer with expertise in the MERN stack and TypeScript. Skilled in building scalable web applications, developing RESTful APIs, and managing state with Redux and Context API. Strong background in authentication (JWT, OAuth) and database management (MongoDB, PostgreSQL). Passionate about writing clean, maintainable code and optimizing performance for seamless user experiences. Familiar with deployment on platforms like AWS and Vercel.

Skills

- **Frontend Development:** React.js, Next.js, Svelte, Tailwind CSS, Shadcn/UI, Redux, Context API, GSAP
- **Backend Development:** Node.js, Express.js, RESTful APIs, Prisma ORM, Knex.js
- **Programming Languages:** JavaScript (ES6+), TypeScript, C++, Solidity
- **Blockchain/Web3:** Ethereum, Web3.js, Ethers.js, Hardhat, Truffle, Ganache, Smart Contracts
- **Databases:** PostgreSQL, MongoDB, Firebase
- **Testing:** Mocha, Chai, Unit Testing, Integration Testing
- **Development Tools:** Git, GitHub, Docker, LaTeX, Postman
- **Operating Systems:** Linux

Experience

OIRRC — Junior web Developer

JB Tower, Peshawar

- Developed scalable full-stack applications using **Next.js**, handling both client-side and server-side logic.
- maintained relational databases using **PostgreSQL** for optimized data management.
- Integrated **Prisma ORM** for efficient database modeling, migrations, and queries.
- Utilized **Docker** to containerize applications and manage PostgreSQL database environments, ensuring streamlined deployment and scalability.

Code Crush — MERN Stack Developer

Satellite Town, Rawalpindi
Present

- Designed and developed 4 full-stack web applications using the MERN stack
- Developed RESTful APIs with Express.js, serving data to React frontend
- Implemented JWT authentication and authorization systems, enhancing application security
- Improved authentication flows with OAuth 2.0 and better auth for secure third-party logins
- Optimized MongoDB queries and indexes, improving database performance by 35%
- Improved backend performance and reusability by implementing aggregation pipelines
- Improved reusability by using closures to create generic API-calling hooks
- Designed scalable backend with MVC, TypeScript, and ES modules

Projects

Blockchain Criminal Records System

GitHub [↗](#)

- Led development of blockchain-powered platform for secure criminal record management using CNIC and facial recognition
- Implemented smart contracts for immutable record storage with role-based access control
- **Technologies:** Next.js, Tailwind CSS, MongoDB, Ganache, Truffle, Solidity

II. Decentralized Chatting App

GitHub [↗](#)

- Built a secure, blockchain-based messaging platform ensuring decentralized communication.
- Implemented smart contract logic for real-time message validation and storage.
- **Technologies:** Next.js, Hardhat, CSS.

III. Uber Clone

[GitHub](#)

- Build a full-stack Uber-like application with real-time location tracking and ride booking.
- Integrated Google Maps API for live routing and geolocation services.
- **Technologies:** React.js, Google Maps API, MongoDB, Node.js, Express, GSAP, Tailwind CSS.

IV. Xplore (Hotel Management System)

[GitHub](#)

- Developed a robust hotel management platform tailored for the tourism industry.
- Created modules for booking management, customer feedback, and real-time room availability.
- **Technologies:** React.js, Express.js, Tailwind CSS, MongoDB, AWS.

V. Desktop Application

[GitHub](#)

- Built a cross-platform desktop application integrating Electron.js and React.js.
- Used SQLite as a serverless database with Knex.js for optimized queries.
- **Technologies:** React.js, Electron.js, Knex.js, SQLite, Node.js.

VIII. Media Display and Sender Apps

[GitHub](#)

- Created two client applications to manage and display media on Android TV boxes.
- Developed a Media Display App to show content with title and timestamps, supporting automatic and manual media deletion.
- Built a Media Sender App enabling users to select and send media to specific devices through Firebase in real-time.
- Implemented secure user authentication and data transmission.
- **Technologies:** Next.js, Firebase, Tailwind CSS, Node.js, TypeScript.

Education

Bachelor of Computer Science

2020 – 2024

University of Peshawar

Relevant Coursework: Data Structures, Algorithms, Database Systems, Web Development, Blockchain Fundamentals