

# Muhammad Farhan

## MERN Stack Developer

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Passionate recent graduate skilled in MERN Stack development. Proficient in frontend with React Native/React and backend with Node.js, MongoDB, and Express.js. Excited to apply my skills and knowledge to innovative projects, bridging frontend and backend for seamless user experiences.

## Personal Projects

### Construction Ease (Final Year Project)

2023 - 2024

- Multi Vendor e commerce android application for online sale of construction materials.
- Construction cost calculation, creating proposals, bidding on proposals, making contract, real time chat, booking order, product management features has been implemented.
- Socket.io for real time chat, Stripe Payment method, JWT for authentication and node cron for background processes were used in the project.

### Plink Chat Application

2022

- Developed using socket.io for real time chat. Users can send Friend Requests to others.
- Users can send and Delete text messages as well as images.
- Implemented the frontend using React Native and Backend in Node.js, Express.js and MongoDB.

### LaucWave Audio Player

2022

- Developed a mobile audio player application using React Native, ensuring compatibility with Android devices.
- Integrated React Native Track Player and @react-native-community/slider for seamless audio playback and intuitive seek functionality, enhancing user experience.

### SpeedyBuy Ecommerce Site

2024

- Implemented Redux as state management for products and users. Booking order , Admin Panel for product, payment and user management were implemented.
- Integrated stripe payment method.

## Skills

- Frontend Design (React Native/React)
- Node.js (Backend Development)
- Express.js Framework
- Redux (State Management)
- MongoDB
- JavaScript Programming
- Rest API Development
- Socket.io

## Education & Certificates

### FSc Pre Engineering

2017 - 2019

- Superior College Jauharabad , Punjab

### BS Software Engineering

2020 - 2024

- COMSATS University Islamabad , Islamabad

### CCNAv7: Introduction to Networks

2022

- Cisco Networking Academy, COMSATS Islamabad