

# Hafsa Amin

MERN Stack Developer



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## SKILLS

JavaScript

React

Redux

Node

Express

HTML

CSS

GraphQL

MongoDB

Deployment

Material UI

ContextAPI

Socket.io

Puppeteer

WEB Socket

TypeScript

Material UI

Context API

## LANGUAGES

English

Professional Working Proficiency

Urdu

Full Professional Proficiency

## WORK EXPERIENCE

### Software Engineer (MERN Stack)

CoodingCops Software Solutions

11/2021 - Present

Lahore

Achievements/Tasks

- **RESTful API Development (Node.js & Express.js):** Implemented database schema validations and optimized queries against different API requests. Worked on backend feature design and extend existing features.
- **GraphQL with Prisma ORM and TypeScript:** Worked with GraphQL fragments, queries, and mutation for better data management toward the client app. I used Prisma ORM to interact with relational and document databases.
- **React Context API and Material-UI (MUI):** Worked on React with Context API to manage state and provide data to different components efficiently. Developed frontend components and user interfaces using Material-UI (MUI) design framework.
- **Third-Party Integrations:** Worked with ON-Shape (product lifecycle management tool) tool to help end-user product accountability. Made sure data exchange was reliable and efficient. Worked with the team to improve the webhook process.
- **Testing with Jest/Chai and Mock Response Generation:** Used Jest, a testing tool, to ensure the code handles all aspects of individual backend modules. Created fake responses to test different scenarios thoroughly.
- **Debugging and Tools:** Found and fixed problems using tools like Chrome debugger and Visual Studio and React plugins for state management.
- **Database Management and Customer Support:** Proficient in MongoDB, efficiently handling large volumes of unstructured data and optimizing database queries. Developed **migration scripts** to unblock customers. Skilled in addressing **client queries** promptly and providing effective data support. Experienced in retrieving and repairing corrupted data records from databases.

### MERN Stack Developer (Internship)

Cizerra Infotech

06/2021 - 09/2021

Lahore

Achievements/Tasks

- **Real Time E-commerce web application** from frontend **React** to backend **Node**.
- **React Hooks, State , and Props. Redux** for state management.
- **Location aware application** using **Socket.io** .
- **Node.js** and **Express** for **custom middleware development** and **Restful API**.
- **Multivendor** store and **Real Time KPI** for admin.
- **MongoDB**, different **schemas** and data access services to communicate with **MongoDB** .
- **GIT** was used as code repository.

## EDUCATION

### Bachelors In Information Technologies

University Of The Punjab

07/2016 - 04/2020

Lahore