

# MUHAMMAD HAMMAD

## MERN STACK DEVELOPER

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I am a dedicated MERN Stack Developer with over 3 year of experience in web application development. My journey has equipped me with skills in frontend and backend technologies, enabling me to build functional and responsive applications. I excel in problem-solving and have a passion for clean and efficient code. I thrive on team collaboration and communication, committed to delivering innovative solutions. Also, see my portfolio.

[Visit my portfolio](#)

## SKILLS & EXPERTISE

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|--------------------------|--|
| Frontend Framework       | ReactJS ◦ NextJS   |
| Backend Framework        | NodeJS ◦ ExpressJS   |
| Database Management      | MongoDB ◦ SQL  |
| React skills             | Redux / Redux Toolkit ◦ React Router ◦ Axios                               |
| styling proficiency      | CSS ◦ Bootstrap ◦ Tailwind ◦ Material UI ◦ ANT Design                      |
| Integrations             | 3 <sup>rd</sup> party API Integration ◦ Payment Gateway ( Paypal )         |
| Version Control          | Git ◦ GitHub   |
| Deployment               | Vercel ◦ Netlify ◦ AWS (basic)   |
| Other Programming Skills | JavaScript(ES6+) ◦ TypeScript  |
| Debugging and Testing    | Postman ◦ Troubleshooting / bug fixing                                     |
| Soft Skills              | Problem-Solving ◦ Time Management ◦ Effective Communication ◦ Adaptability |

## EXPERIENCE

### Eurosofttech private limited

#### MERN-stack Developer | 10 Sept, 2023 - 08 May, 2025 ( Proven Experience )

- Rebuilt a real-time vehicle tracking web application (VTrackSolutions) using Next.js, TypeScript, and Tailwind CSS, enabling GPS-based car monitoring through socket connections.
- Integrated NextAuth and Redux Toolkit for secure authentication and state management.
- Developed advanced features such as Journey Replay for visualizing historical routes, dynamic reporting tools for vehicle data (e.g., ignition status), and remote camera management for real-time interior snapshots.
- Contributed to backend development by creating APIs for camera functionality, reports, and user data to support real-time operations.
- Enhanced the VTrack admin panel with dynamic module additions, authentication workflows, and user permission controls.

## Coderatory

**MERN-stack Internship** | Internship To Permanent | 03 May, 2022 - 18 June, 2023

- Gained foundational knowledge of JavaScript with a focus on writing clean, efficient code.
- Gained hands-on experience with Node.js and Express.js, developing simple and secure APIs.
- Worked with basic SQL queries to interact with databases, including retrieving, inserting, and updating data
- Used basic SQL operations like filtering, sorting, and simple joins to manage and manipulate data effectively.
- Contributed to a live project (Carvan Carpooling App) by developing APIs and making backend enhancements.

## RELEVANT PROJECTS

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### Dunagi Project

**Freelance Project** | 11 Feb, 2025 - 28 Mar, 2025

- Built the website Dunagi ( Driving Learning ) only frontend using React.js and Tailwind CSS for a clean and responsive user interface.
- Created two main modules: Instructor and Student, where both can register and manage their profiles.
- Implemented a calender in which students can see their booked slots and instructor can manage their availability slots.
- Integrated PayPal payment gateway, so students can pay fees securely online.
- Implemented a chat support system with socket connections.

### Dunagi Admin-Panel Project

**Freelance Project** | 04 Apr, 2025 - 25 Apr, 2025

- Created the Dunagi admin panel only frontend where the admin can manage both student and instructor records.
- Added features for the admin to approve or reject profiles after reviewing their details.
- Included a system for the admin to pay instructor fees and keep track of payment history.
- Built a chat support section to help with communication between admin, instructors, and students.

## EDUCATION

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### Hamdard University Karachi

**Bachelor of Computer Science** | Apr, 2020 - July, 2024

### Jinnah Government College

**Intermediate (HSC) in Pre-Engineering** | 2018 – 2020

### KARACHI ACADEMY

**Matriculation (SSC) in Computer Science** | 2018