

# MOHAMMED HISHAM MP

## MERN Stack Developer

Kerala, India

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[LinkedIn](#)

[GitHub](#)

[LeetCode](#)

## ABOUT

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I'm a MERN stack developer, curious to learn more about developing scalable distributed systems, loves problem solving and cares about writing readable as well as maintainable code

## SKILLS

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**Languages:** JavaScript, TypeScript, MongoDB, SQL, HTML, CSS

**Libraries & Frameworks:** Node.js, Express, React, Socket.IO, TailwindCSS, MUI

**Tools & Platforms:** Git, GitHub Actions, Netlify, AWS, Firebase, Docker, Kubernetes

**Concepts:** Clean Architecture, MVC Architecture, Microservices, CI/CD

## PROJECTS

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### BIKESHOP - E-Commerce Web Application

[Live](#) | [GitHub](#)

React js, Node.js, Express.js, MongoDB, Redux, MUI, JWT, *Docker*

A feature-rich e-commerce platform with Redux, enabling user authentication, product browsing, filtering, cart management, and an admin panel for managing products and orders.

- Designed and implemented a responsive, user-friendly interface with **React** and **Material UI**.
- Built a secure authentication and authorization system using **JWT**
- Integrated **Razorpay** API for secure and reliable payment processing.
- Added Place API for location-based pricing.
- Created an admin dashboard with CRUD functionality for managing products, inventory, and orders.
- The project is containerized using **docker** and orchestrated using **Kubernetes**.
- Deployment is done using **EC2** and a **CI/CD** pipeline setup using GitHub-Actions.

### Talk-A-Tive - Real-Time Chat Application

[GitHub](#)

React js, Node.js, Express.js, MongoDB, Socket.IO, WebRTC (in progress)

A real-time chat application with features for one-on-one and group messaging.

- Designed a responsive user interface with **Chakra UI**

- Implemented real-time messaging using **Socket.IO**.
- Integrated **JWT** for secure authentication and session management, providing users with protected access.
- Currently working on **WebRTC** integration to support video chat, allowing users to switch between text and video communication.

### **DAIRY-SYNC - Dairy Management System for Milk Society**

[GitHub](#)

React js, Node.js, Express.js, MongoDB, Nivo for data visualization, JWT for authentication.

Dairy management system for milk societies, enabling farmers to track milk production and admins to manage operations and sales via a dashboard.

- Helped farmers manage cattle details and daily milk production records in one place.
- Added secure login with JWT for farmers and admins.
- Used Nivo to create charts for tracking milk production, inventory, and finances on the admin dashboard.
- Built a feature for admins to track milk product sales and manage inventory.

## **MINI PROJECTS**

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### **OLX Clone** React, Leaflet, Firebase

[GitHub](#)

- *User authentication with **Firestore** Authentication.*
- *Product listings can be posted, viewed, and managed.*
- *Map integration with **Leaflet.js** for marking and viewing product locations.*
- *image upload and storage using **Cloudinary**.*

## **EDUCATION**

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### **BROCAMP** – MERN stack development

MAY 2024 - PRESENT

Self-learning bootcamp (Industry experts assign and review our projects)

Kinfra, Calicut, Kerala.

### **BSC – Computer science**

2021 - 2024

MES Kalladi Collage

Mannarkkad, Palakkad, Kerala.

## **DECLARATION**

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*I hereby declare that all the information furnished above are true and correct to the best of my knowledge.*

*-Mohammed Hisham Mp*