

# MUBASHIR

## MERN STACK DEVELOPER

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### SUMMARY

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Full Stack MERN Developer with 1+ year of experience building scalable and maintainable applications, including microservices architectures. Skilled in JavaScript, TypeScript, React.js, Node.js, and MongoDB, with expertise in RESTful APIs, database optimization, and responsive interfaces. Experienced in event-driven systems and containerized deployments. Committed to writing clean code and delivering solutions that enhance user experience and business efficiency.

### TECHNICAL SKILLS

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Programming Languages	: JavaScript, TypeScript
Frontend Technologies	: React.js, Next.js, Redux, Tailwind CSS, Bootstrap, Sass, Zustand, shadcn
Backend Technologies	: Node.js, Express.js, Nest.js, Microservices, RabbitMQ, Swagger, Winston
Databases and ORMs	: MongoDB, MySQL, Mongoose, Prisma, Redis Caching
DevOps and Deployment	: Docker, CI/CD, AWS EC2, AWS S3, Nginx, Vercel
Developer Tools	: Git, GitHub, Bitbucket, Postman, Multer, Nodemailer, Husky, Jira
Integrations	: JWT, OAuth 2.0, Socket.IO, Cloudinary, Stripe (with Webhooks), Razorpay
Testing	: Jest, React Testing Library, Cypress
Additional Skills	: Data Structures and Algorithms, React Native, GraphQL, Firebase

### EXPERIENCE

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**Full-Stack Developer** - Nibav Home Lifts, Chennai

Aug 2024 - present

Contributed to developing and maintaining multiple scalable web applications — including the main portal, sales, LMS, finance, services, and operations tools — with a primary focus on frontend development while strengthening backend systems to improve performance, usability, and business workflows.

- Designed and developed scalable **React.js** applications with **Redux Toolkit** and **Material UI**, improving state management efficiency and enhancing cross-device accessibility.
- Enhanced the **Learning Management System**, streamlining course management and increasing learner engagement through improved UI/UX.
- Integrated **RESTful APIs** with **NestJS** and **TypeScript**, reducing data-fetch latency and ensuring smooth frontend-backend communication.
- Implemented **WebSocket** communication for real-time dynamic route updates, enabling instant content synchronization across clients and improving responsiveness without page reloads.
- Developed backend APIs with complex **MySQL transactions** in **NestJS**, ensuring accuracy, integrity, and consistency of critical business data across multiple interconnected operations.
- Optimized database queries with **Prisma ORM** and **MySQL**, reducing load times by **40%**.
- Improved frontend performance through **code-splitting**, **lazy loading**, and API call optimization, resulting in faster page load times, smoother navigation, and an enhanced overall user experience.
- Ensured application stability and maintainability by applying extensive **unit** and **integration testing** with **Jest** and **React Testing Library**.

### ACHIEVEMENTS

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**Letter of Appreciation (May 2025)** – Recognized by the HRBP Team at Nibav Home Lifts for delivering high-impact features and performance optimizations that enhanced product quality.

**Best Performing Team (April 2025)** – Contributed significantly to achieving all project milestones on time, driving operational excellence and earning the title of Best Performing Team.

## PROJECTS

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### TaskTrack - Skilled Labor Connection Platform

 [GitHub](#)

A full-stack platform connecting users with skilled tradespeople. Users can post jobs with detailed requirements, and laborers can search and apply for tasks.

- Built with **React.js**, **Node.js**, **Express.js**, and **MongoDB** using repository architecture.
- Implemented location-based matching using **Haversine formula**, **OpenCage API**, and **Leaflet**, enabling real-time discovery of nearby jobs or skilled laborers.
- Secured authentication with **OAuth 2.0** and **JWT** for Google sign-in, and enabled real-time notifications and chat using **Socket.IO**.
- Added profile image cropping with **react-cropper** and image storage in **AWS S3 bucket**.
- Enabled secure payments via **Stripe**, supporting subscriptions and job transactions.
- Developed admin dashboard to manage users, laborers, subscription plans, payments, and service requests.
- Deployed on **AWS EC2** for reliable hosting and scalability.

### MicroSphere - Node.js Microservices Architecture

 [GitHub](#)

A distributed microservices-based system showcasing scalable service boundaries, real-time communication, asynchronous messaging, and containerized deployment.

- Developed **Auth**, **User**, **Task**, **Notification**, and **API Gateway services** using Node.js, Express.js, TypeScript, and Docker.
- Implemented **JWT auth**, **Redis caching**, and **RabbitMQ** for event-driven, asynchronous communication.
- Built a **Notification Service** with **MySQL + Prisma** and integrated **Socket.IO** for real-time client updates.
- Integrated **Swagger** for interactive API documentation.
- Created a **Next.js + TypeScript frontend** with **Zustand** state management and live notifications.
- Orchestrated **MongoDB**, **Redis**, and **RabbitMQ** via **Docker Compose** for seamless local development.
- Enforced code quality with **Husky hooks**, **ESLint**, **Prettier**, and **CI/CD workflows**.
- Wrote **unit and integration tests with Jest**, ensuring reliability and maintainability.

### StylesCraze - E-commerce Platform

 [GitHub](#)

An online fashion store for men's, women's, and children's apparel, featuring seamless shopping for customers and robust admin-side tools for inventory and order management.

- Developed using **Node.js**, **EJS**, and **MongoDB** with MVC architecture.
- Implemented secure user authentication, email verification, and password recovery with **Nodemailer**.
- Ensured efficient stock management with robust categories and product management in admin side.
- Automatic image resizing using **sharp** and image zooming functionality.
- Implemented advanced product search, filtering, and discount management with category/product offers and coupon support.
- Integrated **Razorpay** payment gateway, which ensures seamless and secure online transactions.
- Added product returns, order cancellation, and wallet refund system with the ability to pay using wallet balance.

## EDUCATION

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### MERN Stack Development

May 2023 - Aug 2024

Brototype, Calicut

### BCA - Bachelor of Computer Application

Jun 2020 - Mar 2023

Calicut University