

# MOHAN S


Full Stack Developer - React.js | Next.js | MERN | Microservices

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## CONTACT

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## PROFESSIONAL SUMMARY

Full Stack Developer (MERN) with **3 years of total experience**, including **2 years 4 months of relevant full-time development** experience and **6 months internship** experience. Skilled in building high-performance, scalable, and user-centric web applications using **React.js, Next.js, Node.js, Express.js, and MongoDB**.

Experienced in component-driven UI design, API development, authentication flows, microservice patterns, and clean coding practices. Knowledgeable in DevOps tools like Docker, GitHub Actions, and Nginx (as tooling knowledge), cloud hosting, and CI/CD workflows. Passionate about writing maintainable code, improving performance, and contributing to end-to-end application lifecycle in fast-paced engineering environments.

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## TECHNICAL SKILLS

### Frontend

React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Tailwind CSS

### Backend

Node.js, Express.js, REST APIs, JWT Authentication

### Databases

MongoDB (Atlas, Aggregation), Mongoose

### Tools & DevOps (Knowledge)

Git, GitHub, Docker, Jenkins, GitHub Actions, VS Code, Postman, Chrome DevTools

### Other Skills

State Management (useState, useEffect), JSON, Responsive UI, API Integration

## PROFESSIONAL EXPERIENCE

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### Associate Software Developer

Grithika Labs, Bengaluru | July 2023 - Present

- Developing full-stack applications using React.js, Next.js, Node.js, Express.js, and MongoDB.
- Built reusable UI components, optimized rendering, and improved page performance across multiple modules.
- Implemented JWT authentication, form validations, role-based access, and secure REST APIs.
- Designed and consumed structured APIs for various business modules including assets, users, and admin flows.
- Participated in sprint planning, requirement analysis, and collaborated closely with senior developers and QA teams.
- Improved app responsiveness across mobile and desktop using modern CSS frameworks.
- Managed deployment workflows, Git branching strategies, and API testing with Postman

## PROJECTS

### 1. Asset Management System (Full Stack Application)

Developed a complete asset management platform to track, manage, and categorize company assets.

- Implemented secure CRUD operations using **MERN stack (MongoDB, Express.js, React.js, Node.js)**.
- Added unique serial number validation to prevent duplicate asset entries.
- Designed responsive dashboards for asset overview and tracking.
- Integrated RESTful APIs for smooth data communication.
- Deployed using Render with a cloud-hosted MongoDB Atlas database.  
**Tech Stack:** React, Node.js, Express.js, MongoDB, Bootstrap

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### 2. E-Commerce Platform

Built a fully functional e-commerce platform supporting product listings, cart management, and payments.

- Integrated APIs for real-time product data and user authentication.
- Implemented state management with React hooks (useState, useEffect).

- Added dynamic product filters and category-based browsing.
- Developed responsive design for both mobile and desktop.
- Practiced full deployment flow from backend to frontend hosting.

**Tech Stack:** React, Node.js, Express.js, MongoDB, Razorpay API

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### 3. Fitness Website

Created a modern fitness and workout guidance platform.

- Designed interactive UI with **React.js** and responsive layouts using **Bootstrap**.
- Integrated video tutorials and categorized workout plans.
- Added features like daily motivation quotes and BMI calculator.
- Focused on performance optimization and clean component structure.

**Tech Stack:** React, HTML, CSS, JavaScript, Bootstrap

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### 4. E-Learning Platform

Developed an online learning platform for hosting and consuming educational content.

- Implemented course modules with progress tracking and quiz assessments.
- Added secure login and authentication system using JWT.
- Designed admin panel for course and user management.
- Focused on accessibility and smooth UX for learners.

**Tech Stack:** MERN Stack (MongoDB, Express.js, React.js, Node.js), JWT, CSS

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## EDUCATION

### Bachelor of Computer Applications

Garden City University, Bengaluru, Karnataka

*August 2020 - July 2023*

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## SOFT SKILLS

Problem Solving • Team Collaboration • Communication • Adaptability • Positive Attitude

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## DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

