

NAHYAN

MERN Stack Developer

Malappuram, Kerala, India | nahyanmp4@gmail.com | +91 7592009094
[Portfolio](#) | [Linkedin](#) | [Github](#) | [LeetCode](#)

Profile Summary

Self-motivated full-stack developer specializing in MERN stack technologies. Skilled in creating scalable and maintainable web applications with a strong foundation in JavaScript. Possesses keen analytical and problem-solving abilities, coupled with a passion for innovative development practices. Committed to continuous learning and staying abreast of emerging technologies and industry trends. Seeking to apply technical expertise and creative problem-solving skills in a dynamic organization focused on cutting-edge web solutions.

Skills

Programming Languages:	JavaScript, TypeScript
Back End Development:	Node.js, Express.js, Microservices, Clean Architecture, Monolithic Architecture, MVC, RESTful API Design, Schema Design
Front End Development:	React, NextJs, Redux, WebRTC, PeerJS, WebSocket, HTML, Tailwind, Bootstrap, CSS
Database:	MongoDB, PostgreSQL, Firebase
Tools:	Git, GitHub, Docker, Postman, VSCode, Figma, FigJam
Expertise in:	Data Structures, Third party integrations
Familiar With:	AWS Services, Kubernetes, Agile Development, Azure Services, CI/CD, Design Pattern

Projects

E-LEARNING PLATFORM | EDUVERSE:

[Frontend](#) | [Backend](#) | [Live Link](#)

Edu-Verse is an innovative e-learning platform with a rich array of technology courses, featuring both free and premium content. The platform's interactive features, such as live chat, one-on-one instructor interactions, daily streaks, and a sophisticated examination system, enhance user engagement and educational outcomes.

- **Real-time Communication:** Integrated WebRTC and Socket.IO for video call and chat functionality, enabling interactive learning experiences.
- **Scalable Architecture:** Designed using microservices architecture with Node.js and Express, laying the groundwork for future scalability.
- **Security Measures:** Implemented robust security features including rate limiting to prevent abuse, Helmet.js for setting various HTTP headers, and JWT for secure authentication and authorization.
- **Performance Optimization:** Employed debouncing techniques to optimize performance, particularly in search functionality reducing unnecessary API calls.
- **Clean Architecture:** Implemented clean architecture principles in the backend, ensuring separation of concerns and improving maintainability and testability of the codebase.
- **Responsive Design:** Utilized Tailwind CSS to create a fully responsive design, ensuring optimal user experience across all device sizes from mobile to desktop.

Technologies: MERN Stack (MongoDB, Express.js, React, Node.js), Redux, TypeScript, Tailwind CSS, WebRTC, Socket.IO, JWT, Helmet.js, Clean Architecture, Git, SendGrid, daisyUI, Material UI, Framer motion.

E-COMMERCE PLATFORM | DROPSHIP:

[Source Code](#) | [Live Link](#)

Developed Dropship, a full-featured e-commerce platform specializing in footwear, as a personal project demonstrating comprehensive web development skills. This robust application showcases a range of advanced features designed to provide a seamless shopping experience and efficient business management.

- **User-Centric Features:** Implemented intuitive cart management, wishlist functionality, and a streamlined checkout process with Razorpay integration for secure payments.
- **Enhanced Shopping Experience:** Developed advanced search, filter, and sort capabilities, along with promotional features including coupons and referral offers.
- **Order Management:** Created a seamless system for order placement, returns, and cancellations, complete with automated invoice generation.
- **Admin Dashboard:** Designed a comprehensive admin panel for efficient management of products, orders, user accounts, and overall website operations.
- **Scalable Architecture:** Utilized AWS EC2, Nginx, Certbot, and PM2 for a high-performance, secure, and scalable deployment.

Technologies: Node.js, Express.js, MongoDB, EJS, HTML, CSS, Bootstrap, Razorpay, JWT, Multer, Cloudinary, AWS EC2, Nginx, Chart.js, Git

Mini Projects

- | | |
|---|---|
| • Chat application FlipChat [MERN, Socket.io] | Source Code Live Link |
| • OLX Clone with Firebase Auth [React, Firebase] | Source Code Live Link |
| • Netflix Clone [React, TMDB API] | Source Code Live Link |
| • Todo application [React] | Source Code Live Link |
| • User Management [React] | Source Code Live Link |
| • KIA website Clone [HTML, JavaScript, CSS] | Source Code Live Link |
| • Razer website Clone [HTML, JavaScript, CSS] | Source Code Live Link |
| • Harley Davidson website Clone [HTML, JavaScript, CSS] | Source Code Live Link |

Education

MERN Stack Development

2023 - Present

Prototype, Calicut

Masters of Science in Physics

2018 - 2023

Central University of Tamil Nadu

CGPA 7.89