

ASHWIN JOSEPH

MERN Stack Developer

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PROFILE

Full Stack MERN Developer with hands-on experience building scalable web applications built with Next.js, React, Node.js, Express, and MongoDB. Proven in developing secure REST APIs, JWT-based authentication, payment integrations (Razorpay), and production deployments on DigitalOcean using Nginx and PM2. Strong focus on performance optimization, clean architecture, and delivering reliable, user-focused solutions.

SKILLS

Frontend:

Next.js, React.js, TypeScript, JavaScript, Redux, Tailwind CSS, Bootstrap, HTML, CSS

Backend:

Node.js, Express.js, Nest.js, REST APIs, JWT Authentication, Role-Based Access Control

Databases:

MongoDB, Mongoose, PostgreSQL, Prisma, Redis

DevOps & Tools:

Git, GitHub, DigitalOcean, Vercel, Railway, Vitest, Nginx, PM2, CI/CD Basics, Firebase, Supabase, Postman

EXPERIENCE

Supportta Solutions Private Limited

Kottayam

Full Stack Developer

March 2025 – Present

- Designed, developed, and deployed full-stack web applications built with Next.js, React, Node.js, Express, and MongoDB, supporting scalable and maintainable production systems.
- Implemented JWT-based authentication and Role-Based Access Control, securing user and admin workflows across applications.
- Optimized REST APIs using efficient queries, filtering, sorting, pagination, and validation logic, reducing response times by ~25%.
- Deployed and maintained applications on DigitalOcean VPS using Nginx and PM2, ensuring high availability and stable production environments.
- Participated in code reviews and production deployments, improving overall code quality and long-term maintainability.

TRACKPI Private Limited

Kakkanad

MERN Stack Developer Intern

Dec 2024 - Feb 2025

- Developed and maintained full-stack modules developed in React, Node.js, Express.js, and MongoDB.
- Improved UI performance and responsiveness through optimized component structure and styling, reducing load time by ~20% across devices.
- Integrated backend REST APIs with frontend components to deliver end-to-end features aligned with product requirements.
- Collaborated closely with team members to implement features, debug issues, and enhance application stability.

Luminar Technolab

Kakkanad

MERN Stack Developer Trainee

Dec 2023 - Jun 2024

- Completed intensive training in full-stack MERN development, covering frontend, backend, databases, and deployment fundamentals.
- Built multiple end-to-end projects with CRUD operations, authentication, and responsive UI components.
- Enhanced UI performance and consistency developed in Bootstrap and Material UI across projects.

PROFESSIONAL PROJECTS

Rent-O-Rent Rental System (*Supportta Solutions Pvt Ltd*)

- Designed and developed an end-to-end rental workflow including OTP-based authentication, shop selection, rental duration handling, and automated order processing.
- Built cart management, KYC verification, Role-Based Access Control, and Razorpay payment integration.
- Optimized backend validation logic and database structure, improving API performance and system reliability.

Babas E-Commerce Platform (*Supportta Solutions Pvt Ltd*)

- Contributed to product listing, cart flow, checkout, and admin management features.
- Integrated Razorpay for secure payments and enhanced API architecture for performance and maintainability.
- Collaborated in feature rollouts, bug fixes, and performance improvements.

Digital NFC Portfolio & Visiting Card System (*Supportta Solutions Pvt Ltd*)

- Built an NFC-enabled digital portfolio and smart visiting card system with customizable user profiles.
- Implemented referral-based onboarding, product-sharing logic, and wallet-based commission management.
- Designed and integrated a secure Razorpay payment flow with real-time validation and processing.

PERSONAL PROJECTS

BOOKMYSEAT – Online Movie Ticket Booking

- Developed a full-stack movie ticket booking system powered by React, Node.js, Express, and MongoDB.
- Implemented user authentication, admin dashboard, seat booking logic, and Razorpay-based payment processing.
- Automated booking confirmations and optimized backend routing to improve performance and user experience.

Yummi-Restaurant Food Booking Website

- Built a responsive online food ordering platform with **user authentication and admin dashboard**.
- Developed menu management, order tracking, and secure payment workflows.
- Implemented using **React, Node.js, Express, and MongoDB** with focus on performance and usability.

EDUCATION

Kottayam Institute of Technology and Science
B.Tech in Mechanical Engineering

2016 - 2020