

VAISHNAV P M

Software Engineer | Full Stack Developer | LinkedIn: [linkedin.com/in/vaishnavpm](https://www.linkedin.com/in/vaishnavpm)
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Full Stack Engineer with 3+ years of experience building backend-heavy **SaaS** and CRM applications using **React.js**, **Next.js**, **Node.js**, **NestJS**, **TypeScript**, and **PostgreSQL**. Experienced in designing REST APIs, authentication systems, multi-tenant platforms, and real-time features for production applications. Strong focus on scalable backend architecture, performance optimization, secure API development, and end-to-end feature ownership across frontend and backend systems.

TECHNICAL SKILLS

Languages

JavaScript, TypeScript

Frontend

React.js, Next.js, React Native, HTML5, CSS3, Tailwind CSS, Bootstrap, shadcn/ui

Backend

Node.js, NestJS, REST API Design, Authentication & Authorization, WebSockets

Databases & Caching

PostgreSQL, Oracle, Redis, SQL Query Optimization, Data Modeling

State Management & Libraries

Redux, React Query

Security

JWT Authentication, RBAC, Secure API Design, AES-256 Encryption

Tools & Practices

Git, Docker (basic), CI/CD Concepts, Agile/Scrum, Production Debugging

WORK EXPERIENCE

Software Engineer – Enfin Technologies

2024 – Present

- Built backend-heavy SaaS and CRM modules using React.js, Next.js, NestJS, TypeScript, PostgreSQL, and Redis.
- Contributed to development of a multi-tenant ticketing and asset management platform supporting organization-scoped data access and role-based permissions.
- Developed RESTful APIs for authentication, workflow automation, notifications.
- Implemented JWT, LDAP/Active Directory, and Google OAuth authentication flows with secure token handling and RBAC-based access control.
- Built reusable React components, dynamic forms, and data-driven dashboards improving frontend maintainability across CRM workflows.
- Developed advanced listing, filtering, and pagination modules using React Query and Redux to optimize server-state management.
- Integrated Redis and Bull-based queue processing for asynchronous email, SMS, and in-app notification delivery.
- Implemented real-time notification features using Socket.IO and WebSockets.
- Optimized PostgreSQL queries, caching strategies, and API performance to improve response times and backend reliability.
- Collaborated with QA teams and US-based clients for feature validation, debugging, sprint demos, and production issue resolution.

Full Stack Developer – BairuhaTech

2023 – 2024

- Delivered 6+ web and mobile applications using React.js, React Native, NestJS, and PostgreSQL.
- Built frontend modules, backend APIs, and database workflows for booking, CRM, and commerce platforms.
- Designed backend services following clean architecture principles, improving maintainability and reducing defect rework. Integrated Firebase Authentication and OTP-based login systems
- Optimized PostgreSQL and Oracle queries, improving query execution performance and API response efficiency.
- Implemented Redux-based state management for complex form and booking workflows.

Information Technology Support Engineer – CMS IT Services Pvt Ltd

2020 – 2021

- Provided L2 application and infrastructure support for enterprise environments supporting 100+ daily users.
- Resolved system, network, and server incidents while maintaining high SLA compliance.

KEY PROJECTS

Enterprise Ticketing & Asset Management Platform

- Built multi-tenant SaaS modules for ticketing, workflow automation, authentication, notifications, and RBAC-based access control.
- Developed REST APIs, queue-based processing, and real-time notification workflows for enterprise users.

Marketing Research SaaS Platform

- Developed frontend modules for a multi-tenant marketing research platform where organizations could manage their own workspace, users, projects, and studies.
- Built SSR-enabled Next.js pages, reusable React components, and Redux-based state management for complex research and collaboration workflows.
- Implemented meeting, calendar, discussion guide, polls, and takeaway interfaces with role-based access and dynamic user permissions.

Travel CRM

- Developed itinerary management, customer workflows, and dynamic scheduling modules with full-stack ownership.
- Built reusable UI components and API integrations for CRM operations and package management.

Kenya Airways – Staff Booking Portal

- Implemented booking workflows, scheduling features, and optimized relational database interactions for staff operations.

Commerce Platforms (NextME / Rockana)

- Developed frontend modules, backend APIs, and database integrations for commerce and customer management systems.

EDUCATION

Bachelor of Technology – Electronics & Communication Engineering

Vimal Jyothi Engineering College, APJ Abdul Kalam Technological University - GPA: 6.81