

SHYAMAL VAISHNAV

Full Stack Developer | React.js · Node.js · Next.js · TypeScript

Ahmedabad, India (Remote / On Site) | +91-8866444840 | shyamal8.official@gmail.com

LinkedIn: linkedin.com/in/shyamal-vaishnav-ab8463193

PROFESSIONAL SUMMARY

Hands-on Full Stack Developer with 3.10+ years of professional experience designing, developing, testing and maintaining scalable web applications using React.js, Node.js and Next.js with JavaScript/TypeScript. Strong programmer focused on clean, reusable, maintainable and well-tested code; build responsive, high-performance user interfaces and develop and consume RESTful APIs backed by MongoDB. Take ownership of modules from requirement analysis and solution design through development, code review, CI/CD and deployment. Experienced in troubleshooting and debugging production issues, performance and security optimization, Agile/Scrum delivery and clear communication with UI/UX designers, QA, project managers, clients and distributed remote teams. Mentor junior developers through code reviews and pair programming.

TECHNICAL SKILLS

Frontend: React.js, Next.js (App Router, SSR/SSG/ISR, API Routes), JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS, Tailwind CSS, Responsive Web Development, Accessibility, Redux Toolkit, Zustand, Context API, TanStack Query, React Router, React Hooks

Backend: Node.js, Express.js, RESTful API Design & Development, GraphQL, WebSocket/Socket.io, JWT Authentication & Authorization, Role-Based Access Control, Input Validation, Middleware, Error Handling, Caching

Databases: MongoDB (Mongoose), Schema Design, Indexing & Query Optimization, Redis **Testing & Quality:** Jest, React Testing Library, Unit & Integration Testing, Debugging (Chrome DevTools, Node Inspector), Code Reviews, ESLint/Prettier, Coding Standards

DevOps & Cloud: Git, GitHub, GitHub Actions (CI/CD), Vercel, AWS (EC2, S3), Environment Configuration, Deployment Processes

Performance & Security: Lighthouse/Core Web Vitals, Code Splitting, Lazy Loading, Memorization, Server-Side Rendering, Basics (Rate Limiting, Secure Headers, Secrets Management)

Practices: Agile/Scrum, Requirement Analysis, Solution Design, Technical Documentation, Client Communication, Mentoring, Remote & Distributed Team Collaboration

PROFESSIONAL EXPERIENCE

Full Stack Developer (React.js / Node.js / Next.js) — Helix Tech IT

Nov 2024 – Present

Ahmedabad, India | Software products and business applications (CRM, HRMS) for internal and client stakeholders

- Design, develop, test and maintain scalable web applications end-to-end using React.js, Next.js and TypeScript on the frontend and Node.js/Express.js REST APIs on the backend with MongoDB.
- Own assigned modules from requirement analysis and solution design through development, code review, CI/CD and deployment. participate in technical discussions and architecture decisions.
- Build responsive, high-performance interfaces with reusable component libraries, Redux Toolkit/Context API state management and Next.js SSR/SSG; keep Lighthouse scores at 90+.
- Implement JWT authentication, role-based authorization, input validation, rate limiting and secure headers across Node.js services. optimize database queries and indexes for efficient data handling.
- Write clean, well-tested code with Jest. review pull requests and enforce coding standards with ESLint/Prettier.
- Maintain GitHub Actions CI/CD pipelines (lint, test, build, Docker image) with automated deployments to Vercel and clouds; troubleshoot and debug production issues using logs and monitoring data.
- Mentor 2 developers through code reviews, pair programming and task breakdown; collaborate daily with UI/Designers, QA engineers and project managers in Agile/Scrum sprints and communicate progress to stakeholders.

HELIX-CRM3.0 — Customer Relationship Management System | Next.js, React.js, TypeScript, Node.js, Express.js, PostgreSQL, Redis Sales-focused CRM used by a 50+ member sales team to manage 300+ active deals through an interactive listing-style pipeline.

- Developed Node.js/Express REST APIs for deals, contacts and pipeline stages with pagination, filtering, server-side sorting and Redis caching for hot lookups; designed the relational schema in PostgreSQL.
- Built the listing-style table and reusable React.js/Next.js components; migrated the JavaScript codebase to TypeScript and uses/SSG to reach a 92+ Lighthouse score.
- Reduced API response times by ~35% through query optimization, indexing and response shaping; added Jest on core endpoints.

HELIX-HRMS — Human Resource Management System | React.js, TypeScript, Node.js, Express.js, MongoDB, GitHub

Actions

Internal HR platform covering onboarding, attendance, leave, payroll, appraisals and reporting with a 5-tier role-based access control model for 200+ employees.

- Built attendance, leave and payroll services in Node.js/Express with MongoDB and MySQL, including scheduled jobs, transactional business rules and REST endpoints consumed by the React.js frontend.
- Implemented the 5-tier RBAC model end-to-end with JWT middleware on the backend and role-based view rendering on the frontend.
- Containerized services with Docker and configured GitHub Actions for automated build, test and deployment; set up Jest on core modules with QA.

Frontend Web Developer — Nimblechapps Pvt. Ltd.

Aug 2021 – Jan 2023

Ahmedabad, India | Client-facing web and product development for international clients(Scotland)

- Developed React.js and Next.js interfaces for client/product applications, focusing on responsive UI, REST API integration, reusable components and cross-browser compatibility.
- Built and consumed REST APIs with Node.js/Express.js and MongoDB for feature modules. streamlined API integration and payloads to reduce response times.
- Applied code-splitting, lazy loading and memorization to improve page load speed. implemented on-page technical SEO that contributed to increase in organic traffic.
- Gathered and analysed requirements directly with international clients, translated them into technical solutions and estimates, and collaborated with designers, backend developers and QA in Agile sprints.

Zeadog — Vessel Rental & Fishing Marketplace | React.js, Next.js, Node.js, Express.js, MongoDB, REST APIs

Marketplace where fishermen rent vessels from providers for fishing trips and create customized listings to sell their catch.

- Built vessel browsing/selection, rental booking workflows and customized fish-listing screens in React.js with validation, loading and error states.
- Developed Node.js/Express REST endpoints and MongoDB schemas for vessel inventory, availability checks and listings. integrated frontend with backend APIs.

EV Charging Station Locator | React.js, Node.js, MySQL, Google Maps API, Geolocation Location-based application for discovering nearby EV charging stations.

- Built station discovery with React.js and Google Maps/geolocation integration, developed responsive screens for all device sizes and implemented distance-based station search APIs in Node.js with debugged UI and integration issues.

Junior Frontend Developer — Amar Techno Labs Pvt. Ltd.

Jan 2021 – Jun 2021

- Implemented frontend screens under guidance from senior developers using React.js, JavaScript, HTML5 and CSS3, Git and code review practices.
- Contributed to a GPS-based activity tracking dashboard and a responsive product catalogue with search/filter behaviour, integrating product data from REST APIs and validating responses with Postman.

PROFESSIONAL DEVELOPMENT / FULL-STACK UPSKILLING

Java Development Program & Freelance – Bangalore

Feb 2023 – Oct 2024

- Structured, project-based full-stack training covering REST API development, MySQL, authentication, deployment, along with Core Java, Spring Boot and Hibernate/JPA; built and deployed end-to-end web applications.

EDUCATION

B.E. — Electronics and Telecommunication Engineering, Government Engineering College, Rajkot

ADDITIONAL INFORMATION

Languages: English, Hindi, Gujarati | **Work Preference:** Remote / Work From Anywhere; experienced with distributed teams and client communication | **Interests:** Exploring emerging technologies (Next.js server components, edge runtimes, AI-assisted development), performance optimization