

Senior Full Stack Engineer with 5 years of experience building production-grade web applications using React.js, Next.js, Node.js, Express.js, TypeScript, and MongoDB. Specialized in modular frontend architecture, scalable REST API and GraphQL design, and role-based access control (RBAC). Delivered 20+ client projects across AI, e-commerce, and real estate domains. Hands-on experience integrating AI features with LangChain and Pinecone. Deployed and maintained applications on AWS (EC2, S3, RDS). Led and mentored development teams in Agile/Scrum environments with a consistent focus on clean code, performance, and maintainability.

### SKILLS

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|---------------------------|--|
| <b>Frontend</b>           | React.js, Next.js, TypeScript, JavaScript (ES6+), Redux Toolkit, HTML5, CSS3, SSR, Responsive Design |
| <b>Backend</b>            | Node.js, Express.js, REST API Design, GraphQL, JWT Authentication, RBAC                              |
| <b>Databases</b>          | MongoDB, PostgreSQL, MySQL, Mongoose, Database Schema Design   |
| <b>Cloud &amp; DevOps</b> | AWS (EC2, S3, RDS, API Gateway), GCP, Docker, CI/CD, GitHub Actions, GitLab CI, Git                  |
| <b>Testing</b>            | Jest, React Testing Library, Playwright, Unit Testing, Integration Testing                           |
| <b>AI &amp; Tools</b>     | LangChain, Pinecone, Vector Search, OpenAI API, Claude Code, Cursor                                  |
| <b>Methodologies</b>      | Agile, Scrum, Code Review, Technical Architecture, Team Leadership                                   |

### TECHNICAL EXPERIENCE

**Senior Full Stack Engineer** **06/2021 — Present**  
*IndiaNIC Infotech Limited* *Ahmedabad, Gujarat*

- Selected for onsite client engagement in Dubai, working directly with stakeholders to gather requirements, align on delivery milestones, and ensure project success reflecting client trust and cross-cultural collaboration skills.
- Improved frontend performance by 20–30% through SSR (Next.js), code splitting, lazy loading, and optimized API response handling.
- Designed reusable React component library used across 5+ projects, reducing frontend development effort by 25%.
- Architected secure REST APIs with JWT authentication, RBAC, input validation, pagination, and structured error handling for enterprise integrations.
- Integrated AI features using LangChain and Pinecone (vector search), enabling intelligent recommendations and NLP-based conversational workflows.
- Implemented CI/CD pipelines using GitHub Actions and GitLab CI; deployed and managed infrastructure on AWS EC2, S3, and RDS.
- Led code reviews and enforced coding standards across a team of 4 developers, reducing post-release bugs by 30%.
- Mentored junior developers through technical direction, pair programming, and debugging support, improving team velocity.
- Leveraged AI-assisted development tools (Claude Code, Cursor, ChatGPT) to increase implementation speed by 30–40%.

### EDUCATION

**Bachelor of Technology**, CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, Changa, Anand 08/2017 - 05/2021  
**Class XII**, V.J.MODI SCHOOL (GSEB), Rajkot 06/2015 - 05/2017

### PROJECTS

#### Unrealty - AI-Powered Interior Design Platform

*Role: Lead Front-End Developer | Tech Stack: Next.js, TypeScript, Django, PostgreSQL, LangChain, OpenAI API, REST API*

- Built responsive Next.js/TypeScript frontend for an AI-driven home design platform serving property buyers.
- Wired a chatbot into the UI that reads user room preferences and returns personalized design suggestions. When a query maps to a specific property or area, the bot resolves the intent, redirects the user to that listing, and auto-applies the relevant search filters so the results page reflects exactly what they asked for, no manual filtering needed.
- Built a browser-based terminal for the admin panel using xterm.js, streaming live backend server logs in real time over WebSockets gave the client direct visibility into server activity without needing SSH access or a separate logging tool.
- Developed AI image-to-video pipeline generating room walkthrough animations from AI-produced design images.
- Built a 5-step Offer Builder with conditional template variants, real-time right-panel preview updating on field change, and OpenAI-powered image content extraction to auto-prefill form fields.
- Implemented RBAC across buyer, designer, and admin roles; reduced page load times 30% via SSR and lazy loading.

### **NewRA - AI Recommendation Engine**

*Role: Back-End Developer | Tech Stack: Node.js, MongoDB, Laravel, LangChain, Pinecone, REST API*

- Built RESTful APIs in Node.js for user interactions, data ingestion, and AI model integrations at scale.
- Integrated LangChain for NLP-based query understanding and Pinecone for vector similarity search.
- Designed MongoDB schemas optimized for high read throughput across user interaction and recommendation log data.
- Collaborated with front-end and AI teams to define API contracts, ensuring seamless integration of recommendation outputs into the user interface.

### **RiceDay - Grocery E-Commerce Platform**

*Role: Back-End Developer | Tech Stack: Node.js, Express.js, MongoDB, Angular, React Native*

- Built Node.js/Express.js RESTful APIs for real-time product listings, inventory updates, and order management across web and mobile platforms.
- Implemented pin-code-based vendor serviceability logic enabling location-aware product and vendor filtering across 100+ delivery zones.
- Developed inventory and order management system allowing vendors to track stock levels, pricing, and delivery scheduling in real time.
- Designed MongoDB data models supporting multi-vendor architecture with dynamic pricing, product categorization, and user order history.
- Collaborated with Angular and React Native frontend teams to define API structure, ensuring consistent data handling across web and mobile interfaces.

### **Falcon Car Rental - Luxury Car Rental Platform**

*Role: Lead Front-End Developer | Tech Stack: Next.js, Redux, Laravel, MySQL*

- Built SEO-optimized car listing and booking UIs with Next.js and Redux, achieving top keyword rankings on Google for targeted search terms.
- Improved Core Web Vitals (LCP, CLS, FID) by 20–30% through SSR, lazy loading, and image optimization.
- Developed search filters, booking flows, and car detail pages tightly integrated with Laravel APIs and MySQL backend.
- Led technical SEO implementation including structured data, meta tags, canonical URLs, and page speed optimization, driving measurable organic traffic growth.
- Collaborated with backend and design teams to translate business requirements into responsive, cross-device UI components with consistent UX across all rental workflows.