

Nidhi Patel

Senior Software Developer

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Full Stack Developer & Tech Lead with 6+ years of experience delivering and scaling production-grade web and AI platforms across SaaS, healthcare, creator, marketplace, and logistics domains.

- Owned end-to-end development of complex platforms, including major tech migrations (Firebase → PostgreSQL, monolith → GraphQL, legacy → modern stacks)
- Architected and shipped scalable cloud systems on AWS using ECS, Lambda, S3, RDS, CloudFront, and CI/CD pipelines
- Built high-performance frontends and APIs with Next.js, React, Vue/Nuxt, Node.js, GraphQL, and real-time systems
- Led frontend teams, defined coding standards, modular architecture, and reusable component libraries
- Developed production-ready AI applications, including agent orchestration, prompt management, and LLM-powered workflows

Education

- Shree Ramkrishna Institute of Computer Education and Applied Sciences** 2018

 - Master of Science in Computer Application
 - GPA: 9.0 / 10.0
- Shree Ramkrishna Institute of Computer Education and Applied Sciences** 2015

 - Bachelor of Science in Computer Science
 - GPA: 7.8 / 10.0

Skills

- React · Next.js · Vue.js · Nuxt.js · TypeScript · JavaScript · Tailwind CSS
- Node.js · Express.js · GraphQL · REST APIs · JWT · OAuth · PostgreSQL · MongoDB · Firebase · Prisma · Supabase
- AWS (ECS, Lambda, S3, RDS, CloudFront, SQS) · Docker · CI/CD (GitHub Actions) · Serverless · Stripe · Meta API
- LangChain · LangGraph · AI Agents · Prompt Engineering · LLM Integrations · Replicate API · Testing & Performance Optimization

Experience

- Freelancer** 01/2024 - Present

Full Stack Developer / AI Engineer

 - Develop and maintain scalable full-stack applications with Next.js, Node.js, and TypeScript.
 - Design secure APIs using JWT, OAuth, and Supabase authentication with RLS.
 - Build reusable React components with cross-browser and device compatibility.
 - Manage PostgreSQL/Supabase databases, real-time updates, and optimized queries.
 - Integrate AI-driven workflows and orchestration using LangChain and LangGraph.
 - Handle deployment, CI/CD, and environment configuration on AWS, Vercel, and Docker.

PortPro, Surat

MERN Stack Developer

- Developed and maintained a logistics optimization platform for drayage carriers and brokers using the MERN stack.
- Built responsive and interactive UIs with React to manage complex logistics workflows efficiently.
- Designed and implemented RESTful APIs and backend services using Node.js and Express.js.
- Managed and optimized MongoDB schemas for shipments, routes, and driver assignments.
- Improved operational efficiency through modules for automated billing, route tracking, and analytics.
- Collaborated with cross-functional teams to deliver scalable, maintainable solutions aligned with business goals.

Techstaunch Solutions, Surat

2021 - 2024

Senior Software Developer

- Developed and scaled multiple full-stack platforms using Next.js, React, Node.js, GraphQL, and PostgreSQL, focusing on performance, scalability, and maintainability.
- Led development of large-scale creator and marketplace platforms, including social media, content marketplaces, booking systems, and healthcare communities.
- Migrated legacy architectures (Firebase / monoliths) to modern GraphQL-based systems with PostgreSQL, improving data integrity and query performance.
- Designed and implemented GraphQL APIs, authentication flows (JWT, OAuth), role-based access control, and complex relational schemas.
- Built SEO-optimized, high-performance frontends using SSR, ISR, SSG, and modular component architectures with React, Next.js, Vue, and Nuxt.
- Integrated third-party services and cloud infrastructure including AWS (S3, Lambda, ECS, RDS, CloudFront), Stripe payments, and Meta Developer APIs.
- Led frontend teams on multiple projects, handling architecture decisions, sprint planning, code reviews, and mentorship of junior developers.
- Established CI/CD pipelines with GitHub Actions, enforced code quality standards, and collaborated closely with UI/UX, QA, and backend teams.

Projects

Global Creator Social Media Platform

- Built and scaled a non-profit social media platform empowering creators and organizations to share work, collaborate, and curate content.
- Implemented media uploads, creator collections, and social discovery features supporting photos, videos, and curated lists.
- Integrated Meta Developer API to enable direct Instagram content imports.
- Migrated platform from Firebase (NoSQL) to a GraphQL + PostgreSQL architecture for improved scalability and data integrity.
- Optimized state management using Redux-Saga and ensured reliable scaling on AWS infrastructure.

Technologies: Next.js (React), Node.js, GraphQL, PostgreSQL, AWS, Redux-Saga, Meta Developer API

Global Content Marketplace Platform

- Rebuilt the frontend from scratch using Nuxt.js with TypeScript and Vue 3 Composition API for a modular, scalable architecture.
- Developed reusable UI components with Tailwind CSS and implemented SEO best practices including dynamic meta tags and SSG.
- Integrated Laravel backend APIs with secure authentication using Laravel Passport.
- Migrated media workflows to AWS S3 and CloudFront, leveraging Lambda, RDS, and SQS for scalable backend processing.
- Set up CI/CD pipelines with GitHub Actions and optimized frontend performance through lazy loading and code splitting.

Technologies: Vue.js, Nuxt.js, TypeScript, Tailwind CSS, Laravel, AWS (S3, CloudFront, Lambda, RDS, SQS)

Creator Experience Booking & Scheduling Platform

- Migrated the platform to a modern full-stack architecture using Next.js and Node.js with full TypeScript support.
- Designed a flexible GraphQL API to manage bookings, availability, and orders with reusable queries and mutations.
- Implemented real-time scheduling logic to prevent conflicts between creators and customers.
- Integrated Stripe for secure payments, refunds, and invoicing workflows.
- Deployed services using AWS ECS and automated testing and releases via CI/CD pipelines.

Technologies: Next.js (React), Node.js, Express.js, GraphQL, PostgreSQL, TypeScript, AWS, Stripe

Schema & Configuration Management Platform

- Led frontend development of a service-based platform for managing user and organization schema versions.
- Architected modular UI components and implemented OAuth-based authentication for secure onboarding.
- Owned sprint planning, task delegation, and code reviews to ensure delivery quality and velocity.
- Optimized performance using Next.js dynamic routing and static site generation.

Technologies: Next.js, TypeScript, Tailwind UI, OAuth, REST APIs

Healthcare Professional Community Platform

- Led development of a collaborative platform enabling doctors to share clinical knowledge and case discussions.
- Architected frontend features using Next.js and collaborated on GraphQL-based backend APIs.
- Designed intuitive workflows for peer-to-peer communication and role-based access control.
- Maintained high code quality through reviews, testing, and continuous deployment practices.

Technologies: Next.js, TypeScript, Tailwind UI, GraphQL, OAuth, REST APIs

Logistics & Drayage Management Platform

- Developed a MERN-based logistics optimization platform for carriers, brokers, and hybrid operators.
- Implemented shipment scheduling, carrier selection, driver management, and automated billing workflows.
- Designed and optimized MongoDB schemas for shipments, routes, and operational analytics.
- Built responsive React interfaces to manage complex logistics workflows efficiently.

Technologies: React.js, Node.js, Express.js, MongoDB, AWS, REST APIs

AI-Powered Interior Design Platform

- Built an AI-driven interior design generator producing room designs from prompts, themes, and reference images.
- Integrated Replicate API for AI image generation and Supabase for authentication, database, and real-time updates.
- Implemented Google OAuth with Row Level Security (RLS) for secure user access control.
- Developed a responsive UI using Next.js, TailwindCSS, and ShadCN.

Technologies: Next.js, TypeScript, TailwindCSS, ShadCN, Supabase, PostgreSQL, Replicate API

AI-Driven Telemedicine & Care Engagement Platform

- Founded and engineered a telemedicine platform focused on non-pharmacological weight loss management.
- Implemented AI-driven nudges, gamification, and adaptive engagement flows based on behavioral data.
- Designed scalable care architecture combining telehealth, behavioral science, and personalized AI.
- Built growth funnels and engagement strategies to improve patient retention and outcomes.

Technologies: Next.js, TailwindCSS, Prisma, PostgreSQL, AWS, Docker, Remix, Stripe

AI Agent Orchestration & Prompt Management Platform

- Built a production-grade AI control-plane enabling teams to design, configure, and deploy intelligent agents at scale.
- Engineered graph-based workflows using LangGraph for multi-step reasoning, conditional logic, and agent-to-agent communication.
- Developed enterprise-grade prompt management with versioning, templates, reusable variables, and runtime configuration.
- Implemented multiple agent architectures with configurable memory, tool usage, and execution strategies.
- Enabled LLM-agnostic execution using LangChain abstractions.

Technologies: LangChain, LangGraph, TypeScript, Node.js, AI Agents, Prompt Engineering, LLM Integrations