Vinayak Pathak

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Full Stack Developer adept at shipping web apps end-to-end. Experienced in collaborating across onsite, remote, and hybrid teams, from building client solutions at a service-based agency to developing features for a fast-paced AI product startup.

SKILLS

Languages: JavaScript, TypeScript, Python, SQL
Frontend & Frameworks: React.js, Next.js, SvelteKit, Redux, Tailwind CSS, Framer Motion
Backend & Databases: Node.js, Express.js, MongoDB, PostgreSQL, Prisma, GraphQL, Redis
DevOps & CI/CD: AWS (S3, CloudWatch), Docker, GitHub Actions
Tools & Platforms: Firebase, Supabase, Sanity CMS, Figma, Postman
Monitoring & Testing: Jest, Sentry, PostHog, Google Analytics

EXPERIENCE

Full Stack Developer (Remote)   **Bundled Design**   **August 2025 - Present**

- Deployed 10+ AI workflows using Cog, Python, Docker, Replicate, and integrated emerging Generative AI models, powering image/video generation tools used by 10,000+ monthly users and boosting engagement by 15%.
- Hotfixed a critical Clerk Auth metadata race condition that halted new user onboarding and free-credit allocation by adding client-side polling and retry-safe webhook, reducing sync time from 5+ minutes to under 60 seconds.
- Optimized 300+ files for improved Core Web Vitals (TTI, LCP, FCP), performance, SEO, and accessibility, achieving 95+ Lighthouse scores across all pages and increasing indexed pages from 180 to 290 (61% growth).
- Improved backend infrastructure through MongoDB connection pooling, Redis caching and asset delivery through AWS S3 + Cloudflare CDN integration, cutting egress costs by 30% and API latency by 20%.
- Rebuilt pricing and landing pages using Dodo Payments, revamped 20+ tool-specific interfaces, and enforced strict code quality standards through PR reviews, Husky, and a Biome configuration replacing ESLint/Prettier.
- Enhanced the Design system architecture using documentation-driven fixes. Refactored legacy and redundant code, created custom React hooks to unify shared logic, and ran weekly AWS CloudWatch audits.
- Implemented A/B testing and feature flags using Hypertune, supported MongoDB to PostgreSQL database migration covering users, sessions, payments, and usage events, while integrating BaseHub CMS for blog publication.

Full Stack Developer Intern (Onsite)   **Innvoket Tech LLP**   **December 2024 - July 2025**

- Delivered a 50+ screen event management platform MVP (Next.js, PostgreSQL, JWT, Zod, shadcn/ui) with ticketing, unique QR barcodes, and real-time slot booking in 18 days solo, reducing projected development time by 40%.
- Led development of a MERN-based hotel management system with role-based access control (RBAC), Stripe payments, pagination, analytics dashboard, and TanStack Query for efficient data fetching with full E2E testing.
- Architected scalable REST APIs and optimized SQL queries for a chess platform, vendor CRM, and Canadian transportation system featuring order tracking, shipment logistics, and driver dashboards.
- Shipped 6+ Animated Landing Pages for local and international businesses across sectors like sports, construction, fintech, pharmacy, education, and AI using React.js, Next.js, GSAP, Framer Motion and Tailwind CSS. Oversaw complete client communication and integrated Sanity CMS for dynamic content updates.

PROJECTS

WeatherNow - Next.js, TypeScript, GraphQL, Redis   **GitHub | Live**
Real-time Weather Dashboard with OpenWeatherMap API for AQI, humidity, temperature, wind, 5-day forecast, and more. Provides Leaflet-based interactive maps and Lodash-debounced city search, monitored by Sentry/PostHog/Vercel.

McLaren - React.js, Styled Components, Firebase, JavaScript   **GitHub | Live**
Car Purchase Platform containing micro-interaction animations, Redux-based state handling, and secure Stripe payments. Includes automated EmailJS notifications for order confirmation and Docker for containerized deployment.

KeepClone - SvelteKit, Tailwind CSS, Supabase   **GitHub | Live**
Google Keep inspired Application featuring live data synchronization, rich text and image support, OAuth login, note pinning and archiving. Implements scheduled GitHub Actions workflow to purge trashed notes older than 60 days.

EDUCATION

ITM SLS University   **B.Tech in Computer Science**   **October 2021 - April 2025**