

Ram Ashish Yadav

Full-Stack Developer | React . Next.js . Node.js . TypeScript . MongoDB

Kolkata, India | ak41459035@gmail.com | +91 7001571521

[portfolio-nextjs-prky.vercel.app](#) | [github.com/RamAshishYadav777](#) | [linkedin.com/in/ram-ashish-yadav-643a1a183](#)

PROFESSIONAL SUMMARY

Passionate Full-Stack Developer who designs, builds, and ships production-ready web applications from ground up to deployment. Proficient in React, Next.js, Node.js, TypeScript, MongoDB, and PostgreSQL, with expertise in real-time systems (Socket.io, WebRTC), CI/CD (GitHub Actions), REST API design, JWT authentication, and third-party integrations (Razorpay, Google Gemini AI, SendGrid). Delivers high-performance, SEO-optimised UIs using Tailwind CSS, GSAP, and Framer Motion. Committed to clean code, type safety, and continuous delivery.

TECHNICAL SKILLS

Languages	TypeScript (strict mode), JavaScript (ES2023+), HTML5, CSS3, SQL
Frontend	React 19, Next.js 15/16 (App Router), Redux Toolkit, TanStack Query, Zustand, Vite
Styling & UI	Tailwind CSS 4, GSAP, Framer Motion, Shadcn UI, Radix UI, Material UI
Backend	Node.js, Express.js, REST API design, RBAC, rate-limiting, Helmet.js
Databases	MongoDB (Mongoose), PostgreSQL (Prisma ORM), MySQL
Real-Time, Auth & Security	Socket.io, LiveKit (WebRTC), JWT, Bcrypt.js, OTP, Clerk, CSRF protection
Cloud & DevOps	Docker, GitHub Actions (CI/CD), Vercel, Render, Git, Postman
AI & APIs	Google Gemini API, Razorpay, SendGrid, Cloudinary, UploadThing, Web-Push (VAPID), Svix
Testing & SEO	Jest, Next.js Metadata API, SSR, sitemap generation, image optimisation
Methodology	MVC Architecture, SDLC, REST API Design, Cross-Browser Testing, Debugging

WORK EXPERIENCE

Full-Stack Developer Intern | Webskitters Technology Solutions Pvt. Ltd. & Webskitter Academy | Kolkata

Oct 2025 - Present

Full-Stack Developer Intern engaged across the full SDLC -- requirements gathering, sprint planning, feature development, code review, and deployment, building on MERN Stack training at Webskitter Academy.

- Collaborated on production-grade web applications using React, Node.js, Express, and MongoDB, contributing to both frontend UI and backend REST API development under senior developer mentorship.
- Participated in Agile/Scrum ceremonies -- daily standups, sprint reviews, and retrospectives -- gaining hands-on experience with real client project workflows and version control via Git.
- Completed structured MERN Stack certification programme at Webskitter Academy (2026), reinforcing full-stack fundamentals with practical project assignments.

Freelance Full-Stack Developer | Self-Employed | Remote

Jul 2024 - Oct 2025

Concurrently pursuing intensive self-directed upskilling in the MERN stack, real-time systems (Socket.io, WebRTC), CI/CD, and modern tooling -- while taking on part-time freelance client projects throughout the period, building production-deployed applications and delivering solutions for local businesses.

- Village Land Management System:** Architected a full-stack MERN geospatial registry to digitise rural land records -- custom HTML5 Canvas boundary annotation, Google Maps API with Decimal/DMS coordinate parsing, RBAC with JWT, and Cloudinary image pipeline achieving 40% faster page loads.
- Restaurant Showcase App:** Designed and delivered a responsive informational web application for a local restaurant client featuring menu display, location details, and brand-consistent UI.
- Small Business & Store Information Sites:** Built multiple static/informational web applications for local businesses -- store listings, contact pages, and product showcases using React and Tailwind CSS.

Passenger Service Executive | Celebi ASIPL | IGI Airport, New Delhi

Oct 2022 - Jul 2024

- Managed end-to-end passenger operations for 500+ daily travellers in a high-footfall international terminal, developing systematic problem-solving and composure under pressure -- directly applied to debugging complex distributed systems.
- Resolved 20+ escalated passenger incidents daily, demonstrating strong analytical and stakeholder communication skills.
- Worked on Amadeus Altea -- utilised the industry-standard airline reservation and check-in platform for passenger management, booking modifications, and real-time seat inventory, gaining hands-on experience with enterprise-grade SaaS systems used across global airline operations.

PROJECTS

Air India Clone -- Full-Stack Flight Booking Platform [air-india.vercel.app](#)

Stack React 19, TypeScript, Vite, Node.js, Express, MongoDB, Socket.io, Redux Toolkit, TanStack Query, Tailwind CSS, Framer Motion, Leaflet, React Three Fiber, Razorpay, Google Gemini AI, Recharts, GitHub Actions, Vercel, Render

- Architected and deployed a full MERN-stack airline platform with 100% TypeScript coverage across 30+ REST API endpoints; migrated from Supabase to a custom Node.js/Express/MongoDB backend, reducing infrastructure cost by 60%.
- Built a real-time seat locking system with Socket.io supporting 200+ concurrent users, preventing double-bookings with sub-100ms synchronisation latency and instant flight status push notifications.
- Integrated Google Gemini AI for smart flight recommendations and automated customer support handling 80% of common queries; Razorpay for payment processing with automated e-ticket generation reducing manual effort by 100%.
- Delivered 3D airplane visualisations (React Three Fiber), interactive flight-path maps (Leaflet.js), and an admin analytics portal (Recharts, MUI Data Grid) tracking 10+ KPIs; automated deployments via GitHub Actions CI/CD.

Shield -- Full-Stack Emergency Safety Platform [shield-gilt.vercel.app](#)

Stack Next.js 16, React 19, TypeScript, Node.js, Express, MongoDB, Socket.io, Redux Toolkit, Tailwind CSS, Framer Motion, Leaflet.js, JWT, Razorpay, SendGrid, Web-Push (VAPID), Cloudinary, Vercel, Render

- Engineered a real-time SOS alert engine with Socket.io broadcasting live GPS coordinates to 50 emergency contacts simultaneously at sub-500ms latency, secured by JWT/OTP authentication and Helmet.js rate-limiting across 15+ API routes.
- Built a 3-channel notification system (VAPID Web Push, SendGrid email, in-app alerts) achieving 99%+ delivery reliability across mobile and desktop.
- Implemented geospatial safety features with Leaflet.js -- incident heatmaps, safety-zone overlays, and GPS-restricted neighbourhood chat for hyper-local community response.
- Deployed via CI/CD pipeline achieving zero-downtime releases on Render; integrated Razorpay for 2-tier premium subscriptions and Cloudinary for media management.

Twitch Clone -- Live Streaming Platform [ws-finale-project-twitch-clone.vercel.app](#)

Stack Next.js 15, TypeScript, Tailwind CSS, Shadcn UI, LiveKit (WebRTC), Prisma, PostgreSQL, Clerk, Razorpay, UploadThing, Zustand, Svix, Vercel

- Built a production-grade live streaming platform with Next.js 15 App Router and LiveKit WebRTC, supporting multi-host broadcast and stream key management with sub-2s latency for OBS broadcasting.
- Engineered a full monetisation system with Razorpay (one-time donations + recurring subscriptions) plus a social layer across a 12-table Prisma/PostgreSQL relational schema.
- Implemented Clerk for multi-provider authentication, Svix for async webhook syncing, and UploadThing for cloud media; Zustand and Shadcn UI deliver a performant, accessible dark-themed interface.

Portfolio -- Next.js 16 Developer Showcase [portfolio-nextjs-prky.vercel.app](#)

Stack Next.js 16, React 19, TypeScript, Tailwind CSS 4, GSAP, App Router, Vercel

- Engineered a high-performance developer portfolio achieving 95+ Lighthouse score using Next.js 16 App Router, TypeScript, SSR, and the Metadata API with dynamic sitemap generation.
- Crafted a premium Glassmorphism UI using Tailwind CSS 4 with mesh-glow backgrounds, animated grid lines, and immersive scroll-based timeline animations via GSAP and custom React 19 hooks.

EDUCATION

Master of Computer Applications (MCA) | Amity University Online | Noida

2022 - 2024

CERTIFICATIONS

- MERN Stack Development -- WebSkitter Academy, Kolkata (2026)
- Java Full Stack + React JS -- Ducat School of AI, ISO 9001:2000 Certified (Nov 2023 - Jun 2024) | Certificate No: 31122022884444760