AMAN KUMAR VERMA

Front-End & Full-Stack Software Engineer | React, Next.js, TypeScript | REST API Integration, UI Performance & Web Security

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Software engineer with 1.5 years of hands-on experience building and shipping customer-facing web applications end to end with **React**, **Next.js**, and **TypeScript**. Strong on the front end: turning product requirements and UX designs into performant, responsive, reusable UI components, wiring them to backend services over **REST APIs**, and optimizing for speed by cutting redundant re-renders, batching and caching requests, and tuning Core Web Vitals. Comfortable across the full stack when a feature needs it, with Node.js, Express, and **PostgreSQL**, and security-aware from building a high-risk payments platform (per-merchant keys, row-level security). Also hands-on with Generative AI (LLM integration, RAG, and multi-agent orchestration), a practical edge on modern product teams.

WORK EXPERIENCE

SellAbroad as Forward Deployed Engineer (Jan 2026 – Sep 2026) [Remote]

- Architected a 7-agent orchestration system that automates merchant onboarding end-to-end (live site analysis, validation, code integration, automated regression QA), with a persistent state layer that resumes on failure instead of losing data mid-run.
- Designed and integrated REST/JSON APIs across a merchant-of-record cross-border payments platform, covering third-party integrations with Shopify, payment providers, and shipping carriers, with authentication, pagination, retry, and rate-limit handling.
- Replaced static shipping rate tables with real-time carrier-calculated rates at checkout by consuming live carrier web services, improving pricing accuracy and removing manual per-merchant configuration.
- Automated cross-border market expansion to 100+ countries with multi-currency pricing, geo-targeting logic, and a BNPL payment matrix, cutting per-merchant setup from hours to minutes.
- Modeled relational schemas, indexes, and migrations in PostgreSQL, ran asynchronous job processing on Redis/BullMQ, and documented integration runbooks for repeatable handoff.
- **Tech:** TypeScript, Next.js, React, Node.js, REST APIs, Medusa, Shopify APIs, PostgreSQL, Redis, BullMQ, Docker, Git, Linear.

COOX as Software Development Engineer (Apr 2025 – Oct 2025) [Hybrid]

- Built and shipped production UI features across web and mobile from a shared TypeScript codebase (React with Next.js on web, React Native on mobile), turning designs into reusable, responsive components inside a cross-functional product team.
- Improved front-end responsiveness on key user flows by removing redundant React re-renders and consolidating duplicate API calls into batched, cached requests, cutting render and network overhead.
- Owned production defect triage through Sentry: traced UI and API failures to root cause across environments, shipped fixes, and eliminated recurring error classes rather than patching symptoms.
- **Tech:** React, Next.js, React Native, TypeScript, REST APIs, HTML, CSS, Sentry, Jira, Git.

EDUCATION

EDUCATION	YEAR	UNIVERSITY/SCHOOL
B.Tech, Information Technology	(2020–2024)	Inderprastha Engg. College, AKTU
12th Standard	(2018–2020)	Kala Niketan Intl. School
10th Standard	(2017–2018)	Kala Niketan Intl. School

PROJECTS

- **Portfolio Studio** (studio.amankrverma.in): Shipped a portfolio builder end to end on Next.js, TypeScript, and Supabase, with OAuth sign-in, four art-directed, responsive themes behind a shared component registry, a Zod-validated REST export endpoint, and a Postgres schema with migrations and row-level security; the export pipeline inlines CSS, fonts, and images into one self-contained HTML file users can host anywhere.
- **Warden** (warden.amankrverma.in): Designed and shipped solo a local-first, read-only dashboard for everything an AI coding agent stores on a machine; hand-built monochrome design system with light and dark themes, a fully client-side demo that renders from a bundled JSON snapshot, on a zero-dependency Node.js core, live on Vercel.

SKILLS

JavaScript, TypeScript, React, React Hooks, Next.js, HTML5, CSS3, Tailwind CSS, Responsive UI Development, State Management, REST API Design & Integration, Web Performance Optimization (Core Web Vitals), Web Application Security, Node.js, Express, React Native, Prisma, PostgreSQL, SQL, MongoDB, Redis, JSON, Postman, Docker, Git/GitHub, CI/CD, Agile/Scrum, Sentry, Troubleshooting & Root-Cause Analysis, Generative AI, LLM Integration (Gemini, OpenAI), RAG & Embeddings, Multi-Agent Orchestration, Technical Documentation.

HOBBIES

Football; long walks; photography; building weekend side projects and taking them all the way to a live URL.