

Aakash Sharma

MERN Stack Developer · Next.js · TypeScript · Node.js · React.js

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PROFESSIONAL SUMMARY

MERN Stack Developer with 2 years of professional experience designing, building, and shipping full-stack web applications. Proficient in MongoDB, Express.js, React.js, Node.js, Next.js, and TypeScript, with hands-on experience in Tailwind CSS, REST API development, SEO best practices, and both SQL and NoSQL databases. Delivered 5+ live projects end-to-end. Dubai resident, available immediately.

TECHNICAL SKILLS

Core Stack: JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js, MongoDB

Databases: MongoDB (schema design, query optimisation), MySQL, Supabase

UI & Styling: Tailwind CSS, shadcn/ui, Material UI, Bootstrap

APIs & Integrations: REST APIs, GraphQL (familiar), third-party service integration, WebSockets

Cloud & DevOps: AWS (EC2/S3 fundamentals), Git, GitHub, Docker, Vercel, CI/CD, Linux

Mobile: React Native with Expo (TypeScript), EAS Build

AI & Automation: Claude Code, N8N, Cursor

PROFESSIONAL EXPERIENCE

Telecommunication & IoT Engineer · Telcovate Communication *Dubai, UAE Nov 2024 – Present*

- Delivered 6+ smart home and network automation projects end-to-end, including international deployments in Ethiopia.
- Configured and maintained 10+ live systems (CCTV, IoT, networking, intercom, AC control, Home Assistant) across Cisco, Ruijie, Hanwha, 2N, and TIS platforms - 95% first-visit resolution rate.
- Diagnosed and resolved complex cross-vendor network and IoT issues under time pressure and without supervision.

Web Developer Intern · BlueEra Softech *Gujarat, India Jan 2024 – May 2024*

- Built full-stack features for e-commerce and pet adoption platforms using React.js, Node.js, and MySQL.
- Improved UI rendering speed by 25% and overall application performance by 30% through component refactoring and query optimisation.
- Collaborated with UI/UX and backend teams to translate Figma designs into responsive, production-ready features; participated in Git-based code reviews.

PROJECTS

EcoSmart Portfolio & Secure Admin CMS [\[Live\]](#) *Next.js · TypeScript · Node.js · Express · MongoDB · JWT · shadcn/ui · Tailwind CSS · Cloudinary*

- Full-stack company website with protected admin panel — JWT auth, role-based access, Cloudinary media management, and NodeMailer transactional email.
- Implemented SEO best practices via Next.js SSR, dynamic metadata, semantic HTML, and structured data — optimised for search engine indexing.
- 15+ typed React components; 70% faster feature development; 100% responsive across all devices and browsers.

CashFlow — Offline-First Mobile Expense Tracker [\[Live\]](#) *React Native (Expo) · TypeScript · Supabase · Android / iOS*

- Production-grade mobile app with real-time multi-user sync via Supabase Realtime, Row Level Security for data isolation, and JWT in SecureStore for offline-resilient auth.
- Two-layer AsyncStorage cache (paginated display + full export) fixing a data truncation bug; batch CSV import/export supporting unlimited entries.
- Published to Android via EAS with ProGuard, resource shrinking, and ABI splits — APK size reduced ~35%.

Studyffy — Teacher Management Platform [\[Live\]](#) *Node.js · Express · React · MongoDB · JWT · Cloudinary · REST API*

- Engineered a secure REST API with JWT access + refresh token rotation via HttpOnly cookies, role-based access control for admin and teacher roles, and global error-handling middleware for consistent JSON responses.
- Built a React dashboard with role-differentiated views, Cloudinary avatar uploads via Multer, real-time toast notifications, and React Context for cross-page state management.
- Implemented full CRUD for teacher registration, Zoom meeting scheduling, and announcements — MongoDB with Mongoose schemas, indexed queries, bcrypt password hashing, and server + client-side input validation.

Personal Portfolio with Headless CMS [\[Live\]](#) *Next.js · React · TypeScript · MongoDB · Zustand · NodeMailer*

- Custom headless CMS using Next.js API routes and MongoDB — full ownership of content schema and admin logic with no third-party CMS dependency.
- SEO-optimised via SSG, semantic HTML, and page speed tuning — 30% faster load times; 25% increase in user engagement.
- 13+ reusable TypeScript components; independently managed deployment, DNS, and performance monitoring on Vercel.

EDUCATION

B.Tech — Computer Science & Engineering · Parul University, India

Dec 2019 – Mar 2024

CERTIFICATIONS & ADDITIONAL INFO

- Meta Front-End Developer Professional Certificate — Meta / Coursera
- Zero to Prototype with Node.js
- UAE Driving Licence
- Languages: English (professional), Hindi (native), Nepali (native)