

RUSTAM KHAN

Full-Stack Developer | React · Next.js · NestJS · Python · PostgreSQL
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PROFILE

Full-stack developer with 4+ years building production web applications end to end — React and Next.js frontends, Node.js/NestJS and Python backends, PostgreSQL and MongoDB, deployed and maintained on real infrastructure. Shipped systems where correctness matters: a multi-currency payments platform, a P2P crypto marketplace with database-enforced escrow, and an AI-powered exam-prep platform. Comfortable owning architecture, payments, security and deployment, not just the feature list.

TECHNICAL SKILLS

Languages JavaScript, TypeScript, Python, HTML5, CSS3/SCSS

Frontend React 19, Next.js (App Router), Redux Toolkit, TanStack Query, Zustand, Framer Motion

UI & Styling Tailwind CSS v4, MUI, Chakra UI, shadcn/ui, Bootstrap

Backend Node.js, Express, NestJS, FastAPI, Flask, REST APIs

Databases PostgreSQL (Prisma, pgvector), MongoDB, Redis, Firebase, MinIO

Auth & Security JWT, OAuth, OTP/2FA (TOTP), RBAC, bcrypt, hardened CSP

Payments Razorpay, PhonePe, webhook integration, reconciliation

DevOps Docker, Nginx, PM2, VPS (Hostinger, CloudPanel), Vercel, GitHub Actions CI

AI Integration RAG pipelines, Ollama, pgvector embeddings, semantic search

Tools & Testing Vite, pnpm monorepo, Postman, Playwright, ESLint, Figma, Git

PROFESSIONAL EXPERIENCE

Full Stack Developer — Aashita Technosoft Pvt. Ltd., Jaipur · Jan 2026 – Present

- **Lead development** across client web platforms — React and Next.js frontends, Node.js and Python backends, PostgreSQL and MongoDB.
- Own architecture, code review, deployment and ongoing maintenance on VPS infrastructure.

Full Stack Developer — Kayease Global, Jaipur · Jul 2025 – Dec 2025

- Built and shipped client web platforms end to end, including admin dashboards, blogs and career portals.
- Improved load performance through **code splitting, lazy loading and Vite** migration.

Technical Support Executive — Microsoft (via Teleperformance), Jaipur · Aug 2024 – Jul 2025

- Resolved escalated technical issues for enterprise and consumer customers; developed the diagnostic discipline and clear written communication that now carries into client work.

Web Developer Intern — Dice Academy, Delhi · Jan 2023 – Jun 2023

- Built responsive interfaces and contributed to live client projects across the frontend stack.

Web Designer Trainee — Sparks To Idea's, Ahmedabad · Jun 2022 – Jul 2022

- Introductory training in web design fundamentals and responsive layout.

FREELANCE EXPERIENCE

Independent Full-Stack Developer — Remote · 2021 – Present

- Delivered **20+ web projects** for clients across fintech, e-commerce, education, healthcare, NGOs and digital media — including the QuataPay and QuataTrade platforms below.
- Handle projects end to end: architecture, React/Next.js frontends, Node.js/Python backends, databases, payments and VPS deployment, with ongoing client support.

KEY PROJECTS

QuataPay — Digital Wallet & Payments Platform · quatapay.com

Freelance client project — Cameroon / CEMAC region

- Full payments platform on a shared **FastAPI + async SQLAlchemy 2.0 + PostgreSQL + Redis** backend powering a Next.js 16 web suite (marketing site plus User, Merchant, Agent, Institution and Admin dashboards).
- Built the core money rails: **double-entry ledger**, P2P transfers, QR/POS merchant payments, bill pay, cards, an agent cash network, and a batch settlement engine with per-institution queues and audit trails.
- Implemented JWT auth, **TOTP 2FA**, **RBAC admin roles**, **tiered KYC** and a versioned fee engine. 300+ documented features.

QuataTrade — P2P Crypto Marketplace with Escrow · quatatrade.com

Freelance client project — live

- Bilingual (EN/FR) P2P marketplace for USDT on TRON, built as a **pnpm monorepo** (backend, frontend, shared contracts) on PostgreSQL, Redis, MinIO and Docker Compose.
- Implemented a double-entry ledger and a **nine-state escrow trade lifecycle with database-enforced invariants**, plus per-trade chat, disputes and admin resolution.
- **261/261 tests green, 100% coverage on every money path.**

EByAi — AI-Powered Exam-Prep Platform · ebyai.in · *in development*

JEE · NEET · CAT · CLAT · NDA · AIIMS-PG

- Full-stack platform on **NestJS 11, PostgreSQL 17 + pgvector, Prisma, Next.js 16 and React 19** — 165k+ question bank, mock tests, adaptive engine and community layer.
- Built an AI doubt-solver using **RAG (Ollama + pgvector embeddings)**, phone-OTP and Google/Firebase auth, and Razorpay subscription payments with webhooks.
- Deployed on a VPS with PM2, Nginx (hardened CSP), SSL, cron backups and GitHub Actions CI.

Impex Info & SCM Insights — Global Trade-Data Platforms · impexinfo.com

- Two production platforms on a shared **Python Flask + PostgreSQL** backend with bcrypt, OAuth and per-site session isolation via an X-Client header, plus PhonePe payments and license/token management.
- Impex Info: React 18 + Vite, Redux Toolkit, Chakra UI, JWT-secured APIs. SCM Insights: Next.js 16 + React 19 with Redux Toolkit, SWR and Recharts for HS-code and trade-directory analytics.

Kayease Global — Digital Agency Platform · kayease.com

- Full-stack agency platform on **React 18, Node.js/Express, MongoDB and Tailwind CSS** — portfolio showcase, case studies, admin dashboard with full CRUD, blog, career portal and real-time analytics.

India 99s — Women Pilot Organisation · india99s.com

- Scalable **MERN + Firebase + Tailwind** site with a members-only section, blog and contact forms; Hostinger VPS hosting with real-time Firebase integration.

Also: BM Birla Trust (bmbirlaplanet.org), plus additional client websites and custom themes for ThemeForest and Shopify.

EDUCATION

B.Tech, Computer Science — NIMS University · 2020 – 2024

Intermediate (PCM) — Prince Academy · 2019 – 2020

LANGUAGES

English — Professional **Hindi** — Native

Several additional client projects are not listed here as they are covered by non-disclosure agreements.