

Khushal Mali

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Full Stack Developer promoted from Intern to Engineer at Mathionix. Builds secure, full-stack systems in React, NestJS, and PostgreSQL, from UI to production infrastructure. **Available to join immediately.**

Experience

Full Stack Developer

Jul 2026 – Sep 2026

Mathionix Technologies Pvt Ltd

Jaipur, India (Remote)

- **Owned the full integration layer:** payments, OAuth login, file storage, and email flows, serving **1,000+ active users**.
- Redesigned PostgreSQL schemas and TypeORM query relations (eager/lazy loading), cutting average API response time from **500ms to under 200ms**.
- Introduced Redis caching and centralized error-handling/logging middleware across core API routes, reducing repeat-query latency and improving incident triage.

Full Stack Developer Intern

Jan 2026 – Jul 2026

Mathionix Technologies Pvt Ltd

Jaipur, India (Remote)

- Built the initial React UI components and NestJS endpoints that became the product's payments and OAuth foundation.
- Implemented JWT guard middleware, request validation pipes, and role-based access decorators to secure NestJS API endpoints.
- Built Recharts-based dashboards delivering real-time analytics consumed daily by internal product stakeholders.
- Designed initial PostgreSQL entity relations and migrations with TypeORM, which were later optimized to achieve sub-200ms response times.
- **Diagnosed and fixed N+1 query issues** in early API endpoints, introducing eager-loaded relations ahead of the schema optimization pass.

Full Stack Developer Intern

Jul 2024 – Oct 2024

The RD Group of Industries

Varanasi, India (Remote)

- Rebuilt key UI flows across 3+ full-stack MERN applications (MongoDB, Express.js, React, Node.js) using semantic, keyboard-navigable React components to close accessibility gaps and improve responsiveness.
- Designed MongoDB aggregation pipelines and compound indexes across 10+ endpoints, replacing full collection scans with targeted lookups to cut unnecessary document scans on high-traffic endpoints.
- Improved application performance via lazy loading, code splitting, and Next.js SSR, raising Lighthouse scores from **the 60s to 90+**.

Education

Uttaranchal University

Dehradun, Uttarakhand

Bachelor of Computer Applications (BCA), CGPA: 8.45

Expected Aug 2027

Projects

Welth | Next.js, PostgreSQL, Prisma, Google Gemini AI, Inngest, Clerk, Recharts

GitHub | Live

- Built a full-stack personal finance platform with multi-account management, budget alerts, and a real-time analytics dashboard.
- Integrated Google Gemini AI for receipt scanning and report generation, cutting manual expense entry by **70%**.

Connectly | Next.js, Convex, TypeScript, NextAuth.js, Tailwind CSS

GitHub | Live

- Built a real-time team collaboration platform with workspaces, channels, direct messaging, and threaded conversations, achieving **sub-100ms message delivery** via Convex.
- Implemented role-based access control and invite-based onboarding with NextAuth.js to secure workspace data across concurrent team environments.

Technical Skills

Languages: JavaScript, TypeScript, SQL

Frontend: React, Next.js, React Native, Expo, Tailwind CSS, Shadcn UI, Redux Toolkit, Zustand, React Query, Recharts, GSAP, Framer Motion

Backend: Node.js, Express.js, NestJS, WebSockets, Redis

Databases & ORMs: PostgreSQL, MongoDB, Prisma ORM, Convex, Sanity CMS

Tools & Cloud: Vercel, Cloudinary, Git/GitHub, Postman, Figma, pgAdmin, MongoDB Compass