

# Mahi Jain

Full Stack Developer | Bangalore, India

mahijaincodes@gmail.com | +91 9303400428 | LinkedIn | GitHub | Portfolio | LeetCode

## PROFESSIONAL SUMMARY

Full Stack Developer building production web applications end-to-end – **React.js/Next.js** frontends backed by **Node.js/Express** REST APIs and relational/document data models (**PostgreSQL, MongoDB**). Strong CS fundamentals – **Data Structures & Algorithms**, design principles, unit testing – in **C++** and **TypeScript**. Works in **Agile/Scrum** teams, taking features from design to deployment with an emphasis on clean, maintainable, reusable code.

## EXPERIENCE

Full Stack Developer | Qureal AI

Feb 2025 – Present

- Built the **Billing & Subscription UI** end-to-end – plan comparison, upgrade/downgrade/pause/cancel flows, real-time coupon validation, pricing-preview modal – in **React.js/Next.js/TypeScript**, wired to **Razorpay checkout** and backend webhook handlers for async payment events.
- Designed and built the **AI Image Studio**, a multi-attribute AI-generation configurator (aspect ratio, gender, age, skin tone) with live loading states, plus a multi-panel social scheduling interface with a draft → approve → publish workflow.
- Developed production **REST APIs** with Node.js, TypeScript, and Express – JWT authentication and authorization, request validation, centralized error handling – **defining schemas** and modeling data across **relational (PostgreSQL) and document (MongoDB)** databases.
- Wrote **unit tests** covering component behavior and API edge cases as part of a feedback-driven development cycle; reviewed PRs and mentored 2 interns through structured code reviews to keep the codebase clean, maintainable, and extensible.
- Set up **MCP server integrations** connecting internal docs and databases to **AI development tools** (Cursor, Claude Code) for context-aware debugging, accelerating code delivery across the team.
- Built a library of **15+ reusable React components** (-20% UI dev time) and client-side image editing tools (-30% backend load) as part of an **Agile/Scrum** development cycle.

Frontend Developer Intern | YouEkko Communication

Apr 2023 – Jun 2023

- Built responsive, SEO-optimized pages with **Next.js** and **Tailwind CSS (Lighthouse 85+)**; implemented secure authentication flows and form validations.

## PROJECTS

ParentCare – AI Health Accountability Platform | Live | GitHub

*Next.js 16 · React 19 · TypeScript · Supabase (PostgreSQL) · Gemini Vision · Vercel*

- Designed a **20+ table normalized Postgres schema** with enums, FK constraints, and indexes; enforced **Row-Level Security (RLS)** across all tables so family-scoped data isolation holds at the database layer.
- Integrated **Gemini Vision** (LLM API) via secure Next.js API routes to verify submitted photos, returning structured JSON (result, confidence, nutrition data); every prompt/response is persisted to an audit log for explainability.
- Built the full **React 19/Next.js** frontend – a mobile-first PWA with a two-sided UI across 15+ pages, English/Hindi i18n – and an async **Railway worker** for non-blocking AI verification, plus a **Vercel Cron job** for daily task generation.

JobPilot – Automated Job Application Platform | Live | GitHub

- Built the backend and automation layer integrating the **OpenRouter API** for LLM-agnostic response generation; engineered **system prompts** to extract job requirements and generate tailored answers, cutting manual application effort by **90%**.
- Maintained a real-time multi-platform job database via a scheduled sync job; built a React.js browser extension for one-click auto-fill and submissions.

## FREELANCE

E-Commerce Marketplace Platform – Freelance Client Project (Buyer Side, End-to-End)

- Built the buyer-facing side end-to-end – Next.js/Redux Toolkit frontend (browsing, cart, checkout) backed by a custom **Node.js/Express/MongoDB REST API**; implemented **JWT auth** with token rotation and Google OAuth, and integrated **Razorpay checkout**.

## TECHNICAL SKILLS

|                       |                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------|
| Core:                 | C++, SQL, Data Structures & Algorithms, DBMS, OOP, Design Principles                    |
| Frontend:             | React.js, Next.js, TypeScript, JavaScript, Redux Toolkit, Tailwind CSS, Radix UI/ShadCN |
| Backend:              | Node.js, Express.js, REST APIs, Schema Design, JWT Auth, Webhooks, Microservices        |
| Databases:            | PostgreSQL (schema design, RLS, indexing), MongoDB, Supabase                            |
| Testing & Quality:    | Unit Testing, Code Reviews, API Validation                                              |
| AI & LLM Integration: | LLM API Integration (OpenRouter, Gemini Vision), Prompt Engineering, MCP                |
| Practices:            | Agile/Scrum, CI/CD, Git, GitHub Actions, Cursor/Claude Code                             |

EDUCATION B.Tech, Swami Vivekanand University, Sagar, Madhya Pradesh

2021 – 2025