# Parag Aggarwal

**Full-Stack Developer · React · Node.js · TypeScript · PostgreSQL**

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## SUMMARY

Full-Stack Developer with 2+ years of production experience building and owning scalable, multi-tenant web applications using React, Node.js/Express, TypeScript, PostgreSQL, and Prisma ORM. Shipped three live platforms from scratch — a BI dashboard tool (Vizta) with an AI-powered natural language-to-SQL agent, a logistics aggregator (Courier Aggregator) processing 1,000–5,000 daily shipments across 29,000+ pincodes, and a CRM tool (Cliento). Tests with Jest/Vitest and ships CI/CD pipelines via GitHub Actions, deploying on Vercel with Cloudflare. Now leads frontend architecture and mentors juniors.

## EXPERIENCE

**React.js Developer** *Aug 2024 – Present*

*Viz Labs · Gurugram, Haryana*

- Lead frontend architecture across Vizta, Courier Aggregator, and Cliento — owning decisions on TypeScript/JavaScript patterns, component structure, RTK Query conventions, and performance standards.
- Regularly work across the full stack — building and maintaining Node.js/Express backend APIs, designing PostgreSQL schemas with Prisma ORM, and implementing multi-tenant data scoping, despite a frontend-focused designation.
- Set up GitHub Actions CI/CD pipelines for automated linting, type checking, and Jest/Vitest test runs on every pull request, deploying to Vercel with custom domain routing and DNS via Cloudflare.
- Mentored 2 junior developers on TypeScript/JavaScript best practices, RTK Query implementation, and unit testing patterns.
- Drove product-level decisions with product and operations teams, moving from feature execution to end-to-end ownership.

**MERN Stack Developer** *Mar 2024 – Jul 2024*

*Viz Labs · Gurugram, Haryana*

- Built and integrated backend APIs using Node.js and Express, connecting MongoDB, MySQL, and PostgreSQL.
- Contributed to full-stack development across both platforms during initial onboarding, ramping up quickly across the stack.

## PROJECTS

**Courier Aggregator — https://app.4murti.com** *Jun 2025 – Present*

- Built a real-time shipment tracking UI integrating 15+ courier partner APIs and a seller-facing order management dashboard serving 2,000–10,000 DAUs across 29,000+ pincodes for 1,000–5,000 daily shipments.
- Designed multi-tenant Prisma schemas with tenant-scoped queries and transaction-safe (ACID) financial workflows for COD payment collection and remittance.
- Built warehouse workflow UI with optimised React component architecture, achieving 40%+ improvement in page load performance and reducing drop-off on the order creation flow.
- Engineered role-based access control (Viewer, Admin, Seller) with private routing and wrote Jest integration tests for critical order and tracking flows, catching edge cases before production.

**Vizta — BI Dashboard Tool — https://app.vizta.in** *Jan 2024 – Jul 2025*

- Architected and shipped a full-stack BI platform (React + TypeScript/JavaScript + Node.js + MySQL + PostgreSQL + Python) from scratch, serving 100–500 users across dynamic multi-source data workbooks.
- Built an AI agent (Tuaa) powered by Ollama (local LLM) capable of natural language-to-chart generation, auto chart-type suggestion, data Q&A;, and natural language-to-SQL — eliminating manual query writing for non-technical users.
- Designed a drag-and-drop canvas supporting 10–20 visualisation types (Pivot Table, Bar, Line, Area, and more) enabling no-code dashboard creation.
- Owned RTK Query architecture for global state management and implemented workbook/datasource-level role-based access (Viewer, Creator, Explorer, Admin) with fine-grained permission control.

**Cliento — CRM Tool — https://cliento.paragaggarwall.com** *2024 – Present*

- Built a full-stack CRM platform under the Vizta product suite, enabling businesses to manage contacts, track deals, and monitor sales pipelines in one place.
- Developed with Next.js and TypeScript/JavaScript with server-side rendering, plus role-based access control and team-level data scoping for secure, permission-scoped access across user roles.

## SKILLS

**Languages:** JavaScript (ES6+), TypeScript

**Frontend:** React.js, Next.js, Redux / RTK Query, Tailwind CSS, HTML5, CSS3

**Backend / ORM / Databases:** Node.js, Express.js, Prisma ORM · PostgreSQL, MongoDB, MySQL

**Cloud / DevOps / Tools:** Vercel, Cloudflare, GitHub Actions (CI/CD), Docker (basic), Git, Jest, Vitest, Postman

**Concepts:** Multi-tenant SaaS architecture, RESTful API design, RBAC, Database Transactions & Atomicity

## EDUCATION

**B.Tech — Computer Science & Engineering** *Nov 2020 – May 2024*

*Starex University · Gurugram, Haryana*