

Parag Aggarwal

Full-Stack Developer · React · Node.js · JavaScript

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SUMMARY

Full-Stack Developer with 2+ years of production experience building and owning scalable web applications. 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 (ClientSphere). Works across the full stack daily — React, Node.js, and PostgreSQL. Writes JavaScript, tests with Jest/Vitest, and has set up CI/CD pipelines with GitHub Actions. Promoted after 4 months; now leads frontend architecture and mentors junior developers.

EXPERIENCE

React.js Developer — Promoted after 4 months

Aug 2024 – Present

Viz Labs · Gurugram, Haryana

- Lead frontend architecture across Vizta, Courier Aggregator, and ClientSphere — owning decisions on JavaScript patterns, component structure, RTK Query conventions, and performance standards.
- Regularly work across the full stack — building and maintaining Node.js/Express backend APIs and designing PostgreSQL schemas, 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, cutting regression bugs significantly.
- Mentored 2 junior developers on 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 and ramped up rapidly to a promoted role within 5 months.

PROJECTS

Courier Aggregator — <https://app.4murti.com>

Jun 2025 – Present

- Built a real-time shipment tracking UI integrating 15+ courier partner APIs, enabling end-to-end visibility across 29,000+ pincodes for 1,000–5,000 daily shipments.
- Developed a seller-facing order management dashboard serving 2,000–10,000 DAUs, streamlining shipment creation, status updates, and delivery workflows.
- Built warehouse workflow UI with optimised JavaScript 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, ensuring secure permission-scoped access across all user types.
- Wrote Jest integration tests for critical order and tracking flows, catching edge cases before production releases.

Vizta — BI Dashboard Tool — <https://app.vizta.in>

Jan 2024 – Jul 2025

- Architected and shipped a full-stack BI platform (React + 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, reducing API boilerplate and standardising loading/error/success handling across the entire frontend.
- Implemented workbook and datasource-level authorisation with role-based access (Viewer, Creator, Explorer, Admin) and fine-grained permission control.

ClientSphere — CRM Tool — <https://clientsphere.vizta.in>

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 JavaScript, leveraging server-side rendering for fast initial loads and a smooth, responsive user experience.
- Implemented role-based access control and team-level data scoping, ensuring secure, permission-scoped access across different user roles.

SKILLS

Languages: JavaScript (ES6+)

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

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

Testing & Tools: Jest, Vitest · GitHub Actions, Git, Mapbox GL, Python (basic)

EDUCATION

B.Tech — Computer Science & Engineering

Nov 2020 – May 2024

Starex University · Gurugram, Haryana