

AVAYA SHARMA

Delhi, India



Education

Dronacharya Group Of Institutions

Bachelor of Technology in Computer Science

Delhi NCR

2020 – 2024

DAV Centenary Public School

PCM(Class XII)

Delhi NCR

2020

Experience

EvidentlyAEO

October 2025 – Present

Founding Engineer

Remote(Ohio,USA)

- Sole engineer who took **EvidentlyAEO** from a blank repo to a production **B2B SaaS** platform in under a year, working full stack across **React/TypeScript, Node/Express**, and **PostgreSQL** to track how brands show up across **ChatGPT, Gemini, Claude, and Perplexity**.
- Rebuilt the scoring pipeline to replace **4–5 sequential LLM calls** with a single structured-output call per result, cutting inference **cost 28%** and **latency 50–60%**.
- Designed the job orchestration behind data collection: **13 job types**, exponential backoff, and automatic recovery of stuck runs. A flaky scrape on one AI engine never takes down a customer's data.
- Built a **RAG** pipeline (**Postgres pgvector** + Qwen3 embeddings) that grounds AI content recommendations in a customer's own documents instead of the model's assumptions, cutting down on fabricated claims in the output.
- Published an **MCP server** (29 tools) that lets **AI agents** query a customer's AI-visibility data directly instead of through a dashboard, scoped per-customer via OAuth with response payloads trimmed **30%** for fast, cheap round-trips.
- Shipped the multi-tenant layer that lets agency partners run EvidentlyAEO under their own domain and branding, backed by a tiered entitlement system that gates features, API limits, and billing per plan.

Eastern Software Solutions

October 2024 – September 2025

Software Engineer

Noida

- Engineered backend procedures with **PL/SQL** to automate data ingestion and transformation, providing structured, clean data for business intelligence and Power BI dashboards.
- Utilized the MERN stack (MongoDB, Express.js, React, Node.js) to build and maintain robust full-stack applications, ensuring scalability and performance.

Projects

Relay | *TypeScript, Node.js, WebSockets, Next.js, PostgreSQL, Prisma, Claude Agent SDK*

- Built and published an open-source **CLI to npm** that turns any local repo into a live, shareable coding session. Everyone with the link watches the same **AI agent** work in real time, with control handed off mid-task.
- Ran the agent on each user's **own machine** instead of a shared server, removing the need to grant any third party shell access to their codebase — the main trust barrier for a tool like this.
- Built a real-time protocol (**40+ WebSocket message types**) around a single server-assigned counter as the source of truth, keeping every connected browser in the same sequence of actions.
- Implemented a single-driver control lock with live handover and automatic reconnection (**backoff + a 30-second grace window**) that keeps a dropped connection from losing a user's seat or driving rights.

ThinkLytix.AI — *Express.js, React.js, Node.js, MySQL, Prisma, Next.js, Gemini AI*

- **Live Website** — **Live Product**
- Built a two-part **Supply Chain SaaS** — a public marketing site (**Next.js, TypeScript**) and a full-stack application with its own authentication system.
- Integrated the **Gemini AI API** to power real-time predictive analysis, helping clients make faster, data-driven decisions.
- Designed a responsive UI for the application's AI-driven data visualizations and interactions.

Technical Skills

Languages: Java, JavaScript, TypeScript, SQL, PLSQL

Technologies/Frameworks: React.js, Express.js, Node.js, Redux, Next.js, Tailwind CSS, HTML

Database: PostgreSQL, MySQL, MongoDB, Supabase

Developer Tools: VS Code, Git/GitHub, Postman, Vercel, Figma, N8N

Certifications

- **Data Structures and Algorithms in Java (Basic to Advanced)** – Coding Blocks (Pitampura)
- **Web Development Bootcamp (MERN Stack)** – Codehelp by Love Babbar