Manav Chillar

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🔗 Portfolio

Professional Experience

2024/01 – 2024/03

Software Engineer
Datasherlock Private Limited
- Built an **interactive text-to-SQL dashboard** where users could:
  - View the generated SQL query,
  - Explore results in a **React-based visual data table**,
  - Export results as **PDF or CSV**,
  - Generate **dynamic charts** (bar, pie, line) for visual insights.
- Developed a **chatbot dashboard** enabling users to query their database in natural language and receive results as **tables or charts**.
- Refactored the dashboard into a **reusable React component library** and published it as an **npm package**, making it easy to embed across multiple applications.
- Implemented UI with **ShadCN and Radix UI**, ensuring consistency and rapid feature delivery.
- Authored **documentation and demo flows** that supported internal adoption and were later reused after the company pivot.

Key Impact: Delivered an extensible **data visualization and conversational analytics solution**, later productized into an npm package that improved reusability and reduced future development effort.

2024/04 – 2024/12

Software Engineer
The SaaS Company 🔗
- Built a **developer self-service platform**, reusing the Datasherlock codebase as a boilerplate, and helped launch the product within **45 days**.
- Designed and implemented **Terraform parsing logic** and leveraged **LLMs for automated code reviews**, improving code quality and developer productivity.
- Enhanced build efficiency using **TurboRepo** in a monorepo environment, reducing build times by **30–40%**.
- Developed **React Flow–based features** for interactive workflows and integrated **GitHub App webhooks** for seamless CI/CD triggers.

Key Impact: Accelerated product release and streamlined developer experience, enabling the company to onboard customers faster.

2025/02 – 2025/05

Full Stack Engineer
Freelanced at a Law Startup
- Built core features for an **AI-driven platform** that assisted lawyers with legal research and case insights.
- Designed and integrated a **knowledge graph–based search engine** to link related cases and documents contextually.
- Leveraged **LLMs** for semantic understanding, document summarization, and **legal Q&A workflows**.
- Architected a scalable solution with **Next.js, Node.js, PostgreSQL, and vector search**.
- Worked closely with legal experts to fine-tune AI outputs for compliance and accuracy.

Key Impact: Delivered a functional MVP that reduced legal research and drafting time by ~**40%**, validating product-market fit.

2025/08 – Present	**Full Stack - Software Engineer**
	MVPLabs 🔗

- Built **SMART SODAN**, an AI-powered SaaS platform connecting businesses with specialized consultants (tax accountants, labor attorneys, SME consultants, CPAs) across multiple service categories.
- Developed an intelligent chatbot using **OpenAI** and **RAG (Retrieval Augmented Generation)** that guides users through service discovery, recommends packages, and handles natural language queries with context-aware responses.
- Architected a comprehensive multi-role system with distinct dashboards for users, experts, and administrators, featuring real-time task management, secure file sharing, and direct communication channels.
- Implemented **hybrid search** combining vector embeddings (pgvector) with full-text search for knowledge base queries, achieving highly relevant results for professional services discovery.
- Engineered a credit-based billing system integrated with **Stripe**, enabling users to purchase service packages and track spending through a wallet transaction system.
- Built the application using **Next.js 15**, **React 19**, **TypeScript**, **Supabase (PostgreSQL)**, and **Turborepo** monorepo architecture, ensuring type safety and scalable code organization.
- Designed and implemented full **internationalization (i18n)** support for English, Japanese, and Chinese.

Key Impact: Delivered a production-ready, multi-language SaaS platform that streamlines professional service discovery through AI, reducing manual search time and enabling seamless collaboration between businesses and experts across global markets.

Education

2020 – 2024	**NIIT University**
Neemrana, India	*B.Tech in Computer Science*

Skills

Frontend — Next.js, React, TypeScript, JavaScript, Tailwind CSS, Radix UI, ShadCN

Backend — Node.js, Express.js, tRPC, Prisma, REST API, gRPC, Node.js, GraphQL

Database — PostgreSQL, MySQL, VectorDB

DevOps — Docker, Kubernetes, TurboRepo, Monorepos

AI & LLMs — ChatGPT API, LLM Code Review, Text-to-SQL, Knowledge Graphs

Design and Collaboration — Figma, Framer, Canva, Liveblocks

Projects

Url Shortner 🔗
Description: A modern, secure, and highly customizable URL shortening service. It offers user authentication, custom slugs, analytics, a REST API, CLI support, content filtering, and light/dark mode.
Technology Used: Next.js, React, TypeScript, Tailwind CSS, Prisma, NextAuth.js, tRPC
Link: shorturlx.xyz 🔗

EquiShare (Smart Expense Splitter) 🔗
Description: A modern app for splitting expenses within groups. Features include real-time balance updates, group management, and visual settlement suggestions to simplify splitting and settling bills.
Technology Used: Next.js, React, TypeScript, Tailwind CSS, Prisma, NextAuth.js, tRPC.
Link: equishare.xyz 🔗

Weather App 🔗
Description: A sleek, responsive weather app delivering real-time weather data, including current conditions, hourly and 7-day forecasts. Enhanced with animated UI and dynamic backgrounds for a smooth user experience.
Technology Used: Next.js, TypeScript, React, Framer Motion, WeatherAPI
Link: shorturlx.xyz/weather 🔗

DocuLive 🔗
Description: A real-time collaborative document editor built with Next.js. It enables live editing and sharing of content with instant updates across users.
Technology Used: Next.js, TypeScript, Tailwind CSS, Liveblocks, Clerk, Lexical, ShadCN, Radix UI
Link: shorturlx.xyz/docs 🔗

Better QR 🔗
Description: A QR code generator built with Next.js, designed to create and display QR codes quickly and efficiently.
Technology Used: Next.js, TypeScript, Tailwind CSS
Link: shorturlx.xyz/qr 🔗