

# Darshan Gowda

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## Overview

Full-stack TypeScript engineer with 2+ years of experience building SaaS platforms, modern web applications, and scalable backends. Skilled in React, Next.js, TypeScript, TailwindCSS, Fastify, PostgreSQL and cloud native tools.

## Technologies

- **Programming Languages:** TypeScript (Advanced), Python (Intermediate) & Go (Basic).
- **Web Development:** HTML, CSS, JavaScript, Typescript, Figma, React.js, Next.js (Advanced), TailwindCSS, Node.js, Fastify, FastAPI, Express, Hono, Zustand, React Hook Form, Zod, Framer Motion & REST API's.
- **Databases:** Postgres, Redis, MySQL, Neo4j & PgVector.
- **Technologies:** Vercel, Cloudflare (Workers, KV, D2, R1), AWS (S3, Lambda, RDS, Bedrock), Docker, Prometheus, Grafana & BullMQ.
- **Tools:** LangChain, Vercel AI SDK, RAG pipelines, OpenAI & other model provider API & SDK's, Stripe, Prisma, Drizzle, ShadCN UI, Mintlify, Playwright, ESLint, Postman, Turbopack & more.

## Experience

**SDE-1**, Asymmetri Innovations – Bengaluru, India Jan 2025 – Present

- **Komerz (AI-based business analysis SaaS):** Built AI-powered reporting and analytics tool that generates dynamic PPTs, visual dashboards, and market analysis reports. Leveraged Next.js, TypeScript, Neo4j, Vercel AI SDK, Stripe, RAG pipelines, and agentic AI workflows to deliver actionable insights for B2B clients.
- **Zimkey:** Developed the backend for a service marketplace platform, delivering a robust backend and admin panel with Fastify, TypeScript, Prisma, and Next.js. Implemented secure payments with Razorpay and optimized the system for scalability and reliability to support high-volume real-world usage.
- **Tradejini (Fintech platform):** Enhanced platform performance and user experience by implementing full-stack improvements. Developed frontend with Next.js, TypeScript, and TailwindCSS, and optimized backend workflows.

**SDE Intern**, Outpost Innovations Inc. – Bengaluru, India Jun 2024 – Jan 2025

- Developed frontend and backend features using Next.js, TypeScript, TailwindCSS, Fastify, NextAuth, Prisma, and Drizzle, ensuring secure authentication, responsive UI, and efficient data handling.
- Implemented billing logic for GPU usage on outpost.run and designed monitoring and analytics pipelines with Prometheus, BullMQ, and Grafana to track workloads and schedule jobs.
- Integrated a Git server with Gitea including proxy authentication, and developed a full Git UI for internal operations and workflow management.

## Projects

**ElkAgent.com – AI Customer Support SaaS** elkagent.com

- Developed a full-featured AI customer support SaaS with chat, ticketing, and knowledge base capabilities, designed for seamless integration across websites.
- Designed scalable back-end and front-end using Next.js, TypeScript, LangChain, Vercel AI SDK, Cloudflare Workers, Redis, and AWS RDS with PgVector for embeddings.
- Integrated payment processing with Stripe and supported multiple AI models including OpenAI, Anthropic, Google Gemini, Grok, LLaMA, and DeepSeek for flexible and high-quality responses.
- For more projects and open source work, visit [github.com/darshansrc](https://github.com/darshansrc).

## Education

**RV Institute of Technology and Management**, Bengaluru, India June 2021 – June 2025  
Bachelor of Engineering in Information Science & Engineering

- **Coursework:** Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, Web Technologies, Software Engineering & Artificial Intelligence.