Sudharsan P

+91 93602 41299 | sudharsan24@zohomail.in | Portfolio | GitHub | LinkedIn

SUMMARY

Full-stack developer who builds fast, reliable products people actually use. I work across TypeScript, React, Next.js and Node.js, design clean PostgreSQL schemas, ship REST APIs, and bring LLM and RAG features into real applications.

PROFESSIONAL EXPERIENCE

Junior Software Developer | Kenpath Technologies, Bengaluru (Remote) Dec 2025 – Aug 2026

- Developed backend services and REST APIs with **Node.js, Express.js and TypeScript** for data-driven applications.
- Designed **PostgreSQL** schemas and built type-safe data access with **Prisma ORM**.
- Delivered AI features by integrating external APIs with **LLM and Retrieval-Augmented Generation (RAG)** workflows.
- Improved stability through debugging, query optimization, **Docker** environments, Git code reviews and production deployments.

Full Stack Developer (Internship) | Dovic, Chennai Jun 2025 – Dec 2025

- Built **React.js and Next.js** interfaces for business applications, including inventory dashboards and product management workflows.
- Developed **Node.js and Express.js REST APIs** with CRUD operations, request validation and database integration.
- Integrated **PostgreSQL and MongoDB** data workflows with frontend services and third-party APIs.
- Collaborated in Git-based workflows covering API testing, debugging and **CI/CD** deployments.

PROJECTS

Zelaunch – AI Product Launch Planner | Next.js, TypeScript, Anime.js Live

- Built an AI system that turns a product link into a complete multi-platform launch sequence with ready-to-post messaging and timing.
- Designed an interactive interface that lets founders generate launch schedules and track execution end to end.

Zelicon – Open-Source 3D Icon Library | Next.js, TypeScript, Three.js, WebGL Live

- Created an SVG-to-3D generator that converts brand SVG paths into optimized 3D geometry, **published on npm**.
- Tuned WebGL rendering for smooth interaction with low memory use and a small bundle size.

Stack Analyzer – GitHub Repository Intelligence | Next.js, TypeScript, GitHub REST API Live

- Built an analysis engine on the **GitHub REST API** that detects a repository's tech stack, dependencies and structure automatically.
- Wrote custom parsers for manifest files, config files and directory trees to remove manual analysis.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript

Frontend: React.js, Next.js, Nuxt, Anime.js, Three.js, WebGL

Backend: Node.js, Express.js, REST APIs, WebSockets, Prisma ORM

Databases: PostgreSQL, MySQL, MongoDB

AI: LLM Integration, Retrieval-Augmented Generation (RAG)

Tools & DevOps: Git, GitHub, Docker, CI/CD, Linux, Bun, Vite, AWS (Basics)

EDUCATION

Apollo Engineering College | B.E. Computer Science | CGPA: 9.1 2022 – 2025

Apollo Polytechnic College | Diploma in Computer Science and Engineering | CGPA: 8.9 2019 – 2022