

HARSHIT NAKRANI

Software Engineer | Full-Stack | Backend | AI Agent Infrastructure

Kutch, Gujarat, India | nakraniharshit629@gmail.com | [LinkedIn](#) | [GitHub](#) | [harshitnakrani](#)

SUMMARY

Software engineer focused on building full-stack applications, backend systems, developer tooling, and AI infrastructure. Experienced with TypeScript, JavaScript, Python, Go, Node.js, React, Next.js, NestJS, PostgreSQL, MongoDB, Redis, Docker, and cloud platforms. Founder of Kyronix, an AI agent infrastructure platform, with hands-on ownership across architecture, SDK design, APIs, execution systems, and product delivery.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Go

Backend: Node.js, NestJS, REST APIs, SDK Design, Authentication, WebSockets

Frontend: React, Next.js, React Native, Expo, Electron, Tailwind CSS

AI: Agentic AI, LangChain, LangGraph, RAG, LLM APIs

Databases: PostgreSQL, MongoDB, Redis

Cloud/DevOps: Docker, AWS, Azure, Vercel, GitHub

Developer Tools: Git, Postman, Neovim, VS Code, Cursor

EXPERIENCE

Kyronix — Founder | Aug 2026 – Present

- Architecting and building an AI agent infrastructure platform that provides an execution layer between applications and LLMs, abstracting agent planning, memory, context, tool execution, retrieval, workflows, and observability.
- Designed a server-side runtime SDK and client-side executor architecture, with session management, tool registries, validated agent instructions, and API-driven execution.
- Built the platform end-to-end across authentication, APIs, dashboard, SDK packages, payments, deployment, and developer documentation.
- Developed the platform with TypeScript/Node.js and modern web infrastructure, while evaluating Go, WebSockets, gRPC, and cloud deployment patterns for scalable execution services.

Evansh Services — ML Engineer Intern | Jun 2025 – Aug 2025

- Built and deployed machine-learning applications using Python and Streamlit, gaining hands-on experience with model integration and application delivery.

SELECTED PROJECTS

AI Autonomous Car — YOLOv8, OpenCV, KORNIA, ESP32

- Developed a hardware-based autonomous vehicle capable of lane keeping, turn navigation, and road maneuvers using real-time computer vision and onboard mobile-device video processing.
- Fine-tuned YOLOv8 for traffic-sign detection and interfaced computer-vision outputs with an ESP32 for motor control.

NOMAD-1 — Node.js, AI Agents, JSON Tool Execution

- Built an autonomous terminal agent that plans and executes tasks through validated JSON operations, emphasizing controlled tool execution and deterministic interfaces.

Shruti AI — RAG, Vector Search, AI

- Built a distributed retrieval-augmented generation learning companion that transforms document streams into searchable knowledge vectors.

PlayNet — React, Node.js, Docker, FFmpeg

- Developed a full-stack streaming platform with a custom job queue and Dockerized FFmpeg workers for asynchronous video processing.

EDUCATION

Diploma in Computer Engineering — Gujarat Technological University (GTU)

Technical focus: software engineering, application development, databases, networking, and computer systems.