NAMAN RAJ

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EDUCATION

Dayananda Sagar College of Engineering   **October 2023 – Present**
*Information Science and Engineering - **8.93 CGPA***   *Bangalore, India*

SKILLS

Programming Languages: JavaScript, TypeScript, GoLang, Python, C, C++
Libraries/Technologies: Next.js, React, Redux, Express.js, FastAPI, Tailwind CSS,
Tools/Databases: Git, Firebase, MongoDB, Github, Docker, Kubernetes, CI/CD, AWS

EXPERIENCE

Open Healthcare Network   **July 2025 - Present**
Full Stack Developer

- Actively contributed to the open-source **care_fe** project, working with a **global, distributed team** to **design**, **build**, and **optimize modern healthcare applications**.
- **Authored and reviewed pull requests** for new features, **UI and mobile fixes**, and backend improvements, always upholding high code quality and clear documentation.
- Worked openly, engaging in **code reviews, issue discussions**, and **onboarding newcomers** while promoting open-source best practices and a collaborative spirit.

PROJECTS

CaseCanopy | *FastAPI, Go (Gin), Next.js, MongoDB, RAG, LangChain, OpenAI, Docker*   **GitHub** | **Live Demo**

- Built an **AI-powered** platform for legal precedent search, **case outcome prediction**, and automated legal document (**PIL, RTI, Complaint**) generation using retrieval-augmented generation (**RAG**).
- Led **full-stack architecture**: **FastAPI** legal agent, **Go (Gin)** backend, **Next.js** frontend, and RAG microservice for advanced legal research and workflow automation.
- Integrated **PDF document output**, secure **user authentication**, and an intuitive UI tailored for legal professionals and researchers.

Adaptive Threat Modeler | *Go, Python, LangChain, GPT-4, AST, GitHub/Slack Integration*   **GitHub** | **Live Demo**

- Built a **continuous, AI-driven threat modeling tool** that analyzes codebases across multiple languages, generates **dataflow-aware threat models**, and provides **GPT-4-powered security remediation** with live **GitHub/Slack integration**.
- Engineered a **modular system**: **Go** backend for analysis and API, **React/TypeScript** UI for interactive threat maps, and a **Python MCP agent** for AI-assisted security auditing and automated issue creation.
- Implemented advanced **static analysis**, **CWE/OWASP vulnerability detection**, and **real-time reporting**, streamlining secure software development for modern engineering teams.

3RVision | *Next.js, Go (Gin), ML, Python, Computer Vision, AWS S3, MongoDB, Chrome Extension* **GitHub** | **Live Demo**

- Developed an **AI-powered sustainability platform** and **Chrome extension** that analyzes product images to guide users on whether items should be **reused, recycled, or resold**.
- Built a **modern web app** with **Next.js** frontend, **Go** backend, and **Python computer vision** service for material recognition and lifecycle analysis.
- Enabled **real-time insights** on reuse, recycling, resale value, and biodegradability, and created a community forum for sustainable discussions and knowledge sharing.

ACHIEVEMENTS

- **1st Rank, FantomCode'25**: Outperformed **80+** national teams by building a standout **AI-powered sustainability platform**.
- **Top 8 Finalist, Recurzive V2**: Selected among the final **8** out of **50** teams in a national-level hackathon.
- **Ranked 1st, Interns Leaderboard – Open Healthcare Network**: Achieved top position among **40** interns across all categories for consistent, high-impact open-source contributions.
- **Blog Contributor**: Published insightful articles on Dev.to covering topics like **Model Context Protocol**, **DNS**, and AI-driven hackathon wins.