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, Terraform

EXPERIENCE

Open Healthcare Network   **July 2025 - November 2025**
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.

Anthroholic   **October 2025 - November 2025**
Full Stack Developer

- Designed and implemented a **daily answer writing feature** for UPSC aspirants, delivering curated daily questions across multiple categories (GS1, GS2, GS3, GS4, Essay).
- Built a **scheduled cron job** backend service to fetch and serve new questions daily from the database, ensuring timely content delivery.

PROJECTS

AI-Powered Brochure Generator | *Docker, EKS, ECR, AWS S3, Prometheus, Grafana, GitHub Actions*   **GitHub**
- Built an **AI-driven web app** that generates customized property brochures with OpenAI GPT models and outputs professional PDFs in English and Arabic.
- Designed and deployed a **containerized microservices architecture** using **Docker** and **Kubernetes (EKS)** for scalability and reliability.
- Implemented a **CI/CD pipeline** with **GitHub Actions** to automate Docker image builds, push to Amazon ECR, and rolling deployments to EKS clusters.
- Set up comprehensive **monitoring and alerting** with **Prometheus**, **Grafana dashboards**, and **Slack notifications** for real-time metrics and system health.

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.

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.