

Computer Science student and AI engineering intern focused on intelligent applications, backend systems, AI agents, and retrieval-augmented generation. I care about the distance between a demo and a dependable product: the API behind it, the retrieval that grounds it, and the failure paths that keep it honest.

EXPERIENCE

Forward Deployed AI Engineer Intern May 2026 — Aug 2026
SooperVision · Internship

- Developed AI-powered applications and intelligent workflows.
- Implemented backend integrations and worked with APIs and automation systems.
- Developed LLM-driven solutions and contributed to full-stack AI applications.

Python · FastAPI · LLM APIs · REST APIs

Web Development Intern Jan 2026 — May 2026
SooperVision · Internship

- Earlier web development internship at SooperVision; detailed responsibilities are not published yet.

Chair — Society on Social Implications of Technology Jul 2026 — Present

IEEE Vardhaman Student Branch · Leadership

- Leading the student chapter's Society on Social Implications of Technology.

SELECTED PROJECT

SOMANADH.OS / verified record

AI platform · 2026 · TypeScript, Next.js, React, Three.js, FastAPI, Python, SQLAlchemy, SQLite/Postgres, OpenRouter, Tailwind CSS

- Built a cinematic portfolio with a grounded AI assistant, FastAPI backend, privacy-conscious analytics, and a private content studio.
- Designed a server-side proxy so the OpenRouter key never reaches the browser; retrieval is deterministic and falls back to labelled local answers when no model is configured.
- Implemented SSE streaming, rate limits, admin auth, upload validation, and consent-gated analytics with no raw IP storage.

TECHNICAL FOCUS

AI / ML Engineering

LLMs · Generative AI · Prompt engineering · Embeddings · Vector database concepts

Backend Development

Python · FastAPI · REST APIs · SQL · System architecture

AI Agent Orchestration

AI agents · Tool calling · AI workflows · Automation · Multi-agent concepts

Retrieval-Augmented Generation

RAG · Document processing · Semantic search · Grounded responses

TOOLKIT

Python · FastAPI · SQL · REST APIs · OpenRouter · OpenCode · LLM APIs · Prompt design · Structured retrieval · TypeScript · Next.js · React · Three.js · Tailwind CSS

EDUCATION

B.Tech — Computer Science and Engineering

Institution details available on request.

AVAILABILITY

Open to AI engineering, backend, and forward-deployed engineering conversations.

Prepared from the same verified records as the portfolio at SOMANADH.OS. Responsibilities and technologies are listed only where they are verified; no metrics, outcomes, employers, or credentials have been invented. StudentOS and QEMS are intentionally omitted because their records are still awaiting verification.