NITISH M

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EDUCATION

Shiv Nadar University — Chennai, India	Aug 2023-May 2027
B.Tech Computer Science (Internet of Things) — CGPA* : 8.85	
Atomic Energy Central School — Anupuram,India	Sep 2022-May 2023
Class XII (CBSE**)** — *90%*	
Atomic Energy Central School 2 — Kalpakkam,India	Apr 2020-Aug 2021
Class X (CBSE) — *96.8%*	

EXPERIENCE

Project Intern — **Indira Gandhi Research Centre(DAE),Kalpakkam**	May 2025-June 2025

- Developed two production-ready modules to optimize HPC operations under strict network policies. Created an NLP-based feedback processing tool and a PHP-driven inventory tracker. Integrated solutions within a proxy-restricted environment to improve workflow automation and resource tracking.

Project Intern — **Infosys Springboard 5.0**	Oct 2024-Jan 2025

- Built an automated cheque data extraction tool for parsing text from scanned PDFs. Enabled structured export in CSV and PDF formats using Streamlit and MongoDB, significantly streamlining financial documentation processes.

Student Ambassador — **LetsUpgrade**	Sep 2024-Oct 2024

- Led campus outreach efforts to promote technology learning programs. Achieved 75+ successful course registrations and was awarded a Silver Kit for outstanding ambassador performance.

PROJECTS

AI-Enabled Portfolio Demo Github — *React.js, TailwindCSS, LangChain, FAISS*

- Created a responsive personal portfolio with dynamic routing and modern UI. Integrated an AI-powered Q&A chatbot using Retrieval-Augmented Generation (RAG) to allow recruiters to query resume details interactively via a "Know Me" feature.

AI Feedback & Inventory Management System Demo Github — *Flask, PHP, MiniLMv6, Hugging Face*

- Built a local NLP pipeline using MiniLMv6 to cluster and deduplicate employee feedback. Developed an inventory system in PHP to monitor cartridge and plotter stock with automatic alert notifications to ensure timely replenishment..

CheckMate Demo Github — *Streamlit, Python, MongoDB,Gemini API*

- Designed a Streamlit-based web app to extract cheque details like payee name, bank name, amount, and date from scanned documents and integrated PDF and CSV download capabilities along with MongoDB for secure data storage and retrieval.

DeliveryBot (In Progress) Demo Github — *FastAPI, Twilio, MockAPI*

- Developing a WhatsApp chatbot to allow customers to check delivery status, receive ETAs, and reschedule orders. Backend powered by FastAPI with temporary storage using MockAPI and integration via Twilio.

SKILLS

- Python, C, C++, HTML, CSS, JavaScript, React, Arduino, MongoDB,MySQL, Git, GitHub, Generative AI (RAG, LLMs), API Postman, NumPy, Pandas, Scikit-learn, Matplotlib, Hugging Face, LangChain, FAISS etc.

ACHIEVEMENTS AND HONORS

- Earned **NPTEL Elite+Silver** certification in *Affective Computing*; **Elite** in *Big Data* and *Blockchain and Its Applications.*
- Solved 200+ Data Structures & Algorithms problems on LeetCode.
- Grand Finalist at EmpowerTech Hackathon, VIT Chennai.