

EDUCATION

<b>B.Tech in Computer Science and Engineering (Cyber Security)</b>	2022–26
<i>Shiv Nadar University, Chennai</i>	CGPA: 8.62
<b>Senior Secondary Education</b>	2021–22
<i>Vedic Vidyashram Sr. Secondary School, Tirunelveli</i>	Percentage: 95

EXPERIENCE

<b>Intern – Ericsson India</b>	Jul 2025 – Present
<i>Data Scientist</i>	Hybrid
<ul style="list-style-type: none"><li>–Built AI agents for Master Data Management to automate validation, enrichment, governance and better accessibility.</li><li>–Integrated database platforms via Model Context Protocol (MCP) for seamless enterprise data access.</li><li>–Enhanced decision automation pipelines using LangChain and Azure AI services along with observability.</li><li>–Implemented Responsible AI guardrails ensuring safety, transparency, and compliance.</li></ul>	
<b>Intern – BlueScope Information Technology</b>	May – Jun 2025
<i>Java &amp; Platform Developer</i>	Perungudi
<ul style="list-style-type: none"><li>–Designed a job application portal on Fingress (low-code/no-code platform), streamlining candidate submission workflows</li><li>–Developed backend services for a banking web application using Java and Apache Tomcat 49 server,improving data reliability a.</li><li>–Enhanced front-end by integrating JavaScript-based dynamic UI components, resulting in smoother user experience.</li></ul>	
<b>Trainee Programmer – Congruent Solutions</b>	Jun – Jul 2024
<i>PEG Department</i>	Guindy, Chennai
<ul style="list-style-type: none"><li>–Developed an interactive participant portal for retirement schemes using React and React Router DOM, improving user accessibility.</li><li>–Collaborated with cross-functional teams through Azure DevOps using Git for seamless version control.</li><li>–Structured JSON-based configurations enabling dynamic, server-driven UI updates, boosting efficiency by nearly 30%.</li><li>–Implemented comprehensive Jest unit tests to validate UI components and ensure stability across multiple user scenarios.</li></ul>	

RECENT PROJECTS

<b>Multi-Agent E-commerce Chatbot:</b> <i>Python, LangChain, LangGraph, Groq API, OpenWeatherMap API</i>
<ul style="list-style-type: none"><li>–Developed autonomous multi-agent chatbot for orders, product lookup, and support.</li><li>–Integrated Groq LLM with LangChain and LangGraph for dynamic reasoning and API use.</li></ul>
<b>CloneX:</b> <i>React, Node.js, Express, MongoDB, Redux, Tailwind CSS, Firebase</i>
<ul style="list-style-type: none"><li>–Built a full-stack social app with Firebase authentication and Redux Toolkit state management.</li><li>–Optimized backend APIs and implemented responsive UI with Tailwind and React hooks.</li></ul>
<b>Sentiment Analysis:</b> <i>TensorFlow, NLTK, Gensim, scikit-learn</i>
<ul style="list-style-type: none"><li>–Implemented NLP pipeline with tokenization, lemmatization, and TF-IDF extraction.</li><li>–Trained models achieving high sentiment accuracy using confusion matrix &amp; F1 metrics.</li></ul>
<b>Intrusion Detection System:</b> <i>Python, scikit-learn</i>
<ul style="list-style-type: none"><li>–Benchmarked 10 ML models for intrusion detection with 92% accuracy.</li><li>–Used normalization, feature selection, and validation for reliability.</li></ul>

TECHNICAL SKILLS

<b>Languages:</b> Python, Java, SQL
<b>Tools &amp; Platforms:</b> Azure AI Foundry, FAISS, Qdrant, Git, AWS, Docker, Fingress, MCP, Word, Azure Monitor, OpenTelemetry, Hugging Face, Groq
<b>AI/ML:</b> Gen-AI (LLaMA, Mistral, Gemma), RAG Pipeline, ML Models, LangChain, LangGraph, PyTorch, scikit-learn, Guardrails(RAGAS, Nemo)
<b>Cybersecurity:</b> Wireshark, Nmap, Burp Suite

ACHIEVEMENTS

<b>Finalist: Pragmaan Hackathon</b> NIT Trichy	2024
<b>Top 15: Hack-O-Holics</b> Jeppiar University	2023

CERTIFICATIONS

<b>Complete Web Dev Bootcamp</b> Udemy	2023
<b>Genetative AI</b> Microsoft	2024