

Nakshathra Nambiar

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PROFESSIONAL SUMMARY

Computer Science undergraduate pursuing a **B.Tech in Computer Science** and a **B.S. in Data Science**, with experience building **production-ready full-stack systems and AI-powered applications**. Proficient in **Python, Java, JavaScript, React, Django, and SQL**, with hands-on experience developing REST APIs, automating workflows, and deploying internal enterprise tools. Strong interest in **scalable systems, applied AI, and real-world problem solving**.

EDUCATION

B.S. – Data Science and Applications (Pursuing)

Indian Institute of Technology Madras | Expected 2026

CGPA: **6.82 / 10**

B.Tech – Computer Science and Engineering (Pursuing)

APJ Abdul Kalam Technological University

Government College of Engineering, Kannur | Expected 2026

CGPA: **7.2 / 10**

TECHNICAL SKILLS

Programming Languages: Python, Java, C, JavaScript

Frontend: HTML, CSS, Tailwind CSS, React, Next.js

Backend & APIs: Django, PHP, RESTful APIs

Databases: MySQL, PostgreSQL

Tools & Platforms: Git, GitHub, EmailJS

Other: Arduino (Basic)

WORK EXPERIENCE

Web Development Intern — Confident Electronics Pvt. Ltd.

Jun 2025 – Jul 2025

- Designed and deployed an **internal procurement and inventory management system** used by R&D teams.
- Automated approval workflows and email notifications, reducing manual processing time by **~30%**.
- Implemented **role-based access control**, database-driven tracking, and secure authentication using **Django and PostgreSQL**.
- Collaborated with cross-functional teams to deploy the system on an internal enterprise server.

Mentor – C Programming Bootcamp — SHE Coders, GCE Kannur

Dec 2024 – Feb 2025

- Mentored **30+ first-year students** in C programming fundamentals through hands-on sessions.
- Guided students in debugging, algorithmic thinking, and mini-project development.
- Evaluated assignments and provided structured feedback to improve coding practices.

PROJECTS

ProxyMind – Autonomous Meeting AI (Major Project, Ongoing)

- Developing an AI assistant capable of **autonomously joining meetings and capturing audio streams**.
- Implementing **speech-to-text transcription** using Whisper and **structured summarization** using GPT-based models.
- Working on **speaker diarization, key-point extraction, and action-item identification** to enhance meeting productivity.

REVEAL – Digital Vehicle Seizure Management System

- Built a **full-stack web application** to digitize and manage seized vehicle records.
- Implemented **authentication, CRUD operations, and database management** using **React, Django, and PostgreSQL**.
- Improved record transparency and reduced manual paperwork.

MoodCrate – Self-Care Generator

- Developed a responsive web application using **HTML, CSS, and JavaScript** to generate self-care ideas and motivational quotes.
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CERTIFICATIONS

- Foundation Level – **B.S. Data Science**, IIT Madras
 - **SQL (Basic)** – HackerRank
 - Programming Fundamentals using Python – Infosys Springboard
 - Using MySQL with PHP – Coursera
 - Fundamental AI Concepts – Microsoft
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ACHIEVEMENTS

- **Finalist — Shaastra 2026 (IIT Madras)**
National-level technical competition; evaluated on problem-solving, analytical depth, and communication.
 - **Rajyapuraskar Certificate**, Bharat Scouts & Guides
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