

## [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**.

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## 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**

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## 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)

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## 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.

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## 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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