

# ASWIN N C

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## CAREER OBJECTIVE

IT graduate with hands-on knowledge in Python and Full Stack Development (React JS, Django, MySQL). Completed internships, projects, and freelance work demonstrating practical software development skills, including building efficient, user-friendly applications and delivering results in real-world scenarios.

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## EDUCATION

### B.Tech (Information Technology)

2021-2025

- Manakula Vinayagar Institute of Technology
- CGPA: **8.23**

### HSC

2021

- Sri Sampourna Vidyalayam
- Percentage: **70.81%**

### SSLC

2019

- Achariya Siksha Mandir
  - Percentage: **56.6%**
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## PROJECTS

### IOT-BASED GAS REGULATOR CONTROLLER AND MONITORING SYSTEM (MAIN PROJECT)

- Built an advanced IoT-Based Gas Regulator Controller and Monitoring System using sensors and mobile connectivity to track gas levels in real time, detect gas leaks instantly, and enable remote regulator on/off control through a mobile application, significantly improving household safety and operational efficiency.

### AI-POWERED UNDERWATER CLEANUP ROBOT SYSTEM - OCEAN ROOMBA AI

- Developed an AI-based underwater robot to detect and collect plastic and steel debris, and monitor oil spills. Awarded 1st place in the "Tech 4 Positive Futures Challenge 2024" organized by Capgemini.

### RFID ID CARD DETECTOR (MINI PROJECT)

- Developed an IoT-based RFID ID Card Detector using Arduino for real-time identity verification, achieving 95–99% accuracy. This project improved access-control reliability and ensured faster, more secure identification.
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## TECHNICAL SKILLS

- Programming Languages: Python
  - Web Development: HTML5, CSS3, JavaScript, React JS
  - Frameworks : Django
  - Database Management: MySQL
  - Tools & Platforms – Docker, Git, GitHub, VS Code, Postman
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## CERTIFICATIONS

- Full Stack Development Course (**CSC**)
  - HTML 5, Python Course on (**Udemy**)
  - Capgemini training in Full Stack ( **TNS India Foundation**)
  - UI/UX Design – (**Great Learning**)
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## EXPERIENCE

### FREELANCE PROJECTS

#### Smart Appointment Booking System

Freelance Developer | April 2025 – September 2025

- Developed a hospital appointment system to manage and track patient flow with live status updates for check-in, payment, consultation, and pharmacy. Built using React JS (Vite) for the frontend and Django for the backend, the system aims to streamline workflows and reduce wait times.
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### INTERNSHIP

- Completed an internship in AI Research and Development from 1st March 2025 to 31st March 2025 at **Say IT Pvt Ltd.**
  - Completed an internship in Full Stack Development from 3rd July 2024 to 3rd August 2024 at **NoviTech R&D Pvt Ltd.**
  - Completed an internship “INTERNET OF THINGS” from 20-02-23 to 25-02-23 at **VEI.**
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### AREA OF INTEREST

- Web Development
  - UI/UX Design
  - Full Stack Python
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### ACHIEVEMENT

- Winner of Tech 4 Positive Futures Challenge 2024 – Youth Voices edition by Capgemini Held at Chennai

( ASWIN N C )