

ASWIN N C

Email – aswinaswin9672@gmail.com | LinkedIn - in/aswin-nc | Phone: +91 9342739740

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.

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

- Acharya Siksha Mandir
- Percentage: **56.6%**

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.

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

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**)

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