

MANOJ SUNDARRAJAN

Pattukkottai, Tamil Nadu • +91 77087 13907 • manojssundar549@gmail.com
LinkedIn • GitHub • LeetCode

Professional Summary

Computer Science undergraduate skilled in **Python**, **Django**, and **REST API** development, with a strong foundation in **Data Structures**, **Algorithms**, and **Object-Oriented Programming**. Experienced in building full-stack web applications, automating workflows, and debugging code using **Git** and **SQLite**. Seeking a **Software Engineer Internship (2026 Batch)** to contribute to real-world projects and deliver clean, efficient, and scalable solutions.

Technical Skills

Languages:	Python
Frameworks:	Django
Databases:	MySQL, SQLite
Concepts:	Data Structures, Algorithms, OOP, DBMS, Operating Systems, Computer Networks
Tools:	Git, GitHub, VS Code, Postman
Practices:	SDLC, Debugging, API Integration

Education

B.E. Computer Science and Engineering	2022 – 2026 (in progress)
P.B. College of Engineering, Chennai, Tamil Nadu	
HSC, SET Vidhyadevi Matric Hr Sec School	2020 – 2022
Score: 70%	
SSLC, SET Vidhyadevi Matric Hr Sec School	2019 – 2020
Score: 98.8%	

Internship Experience

Web Scraping Intern	Sep 2025
<i>Talrn, Maharashtra</i>	

- Automated job data extraction using **Python** and **Selenium** across 500+ listings; cleaned and stored results in CSV for downstream analysis.
 - Integrated external APIs to enrich company metadata and automated reporting pipelines for daily delivery.
 - Used **Git/GitHub** for version control and performed debugging and testing to ensure reliable data collection.
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Projects

Smart Campus Waste Management System

- Built an IoT-enabled waste monitoring system using **Python**, **Django**, and **REST APIs** for real-time data handling.
- Applied **OOP** concepts and SDLC practices; automated sensor data collection and optimized backend logic to reduce manual effort.
- Integrated a live dashboard for monitoring campus waste levels and enabling quick alerts.

E-Commerce Order System (Django)

- Developed a full-stack marketplace enabling users to browse, add to cart, and order using **Django** and relational databases.
- Implemented automated product description generation and auto-categorization features; added user authentication and order management.

Portfolio & Blog Platform

- Built a responsive personal site using Django, with authentication, content management, and contact form integrations.
 - Implemented secure DB models and basic analytics for visitor tracking.
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Certifications

- Python Programming – Gold Heart Foundation
 - Python & C Programming – Cisco Networking Academy (AICTE)
 - Full Stack Development – Novi Tech
 - NPTEL: IoT, Web Technology
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Additional Information

- **Competitive Coding:** Solved 100+ problems on LeetCode and HackerRank (Python).
- **Leadership:** Captain, College Volleyball Team.
- **Volunteering:** Active volunteer in NGO initiatives.