PADMANAPAN ANANTHAN

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Profile Summary:

I'm interested in web development, software development, and UI/UX design, and currently pursuing my Master's in Computer Science. I specialize in front-end development, using HTML, CSS, JavaScript, Python, and Java to build modern, responsive, and user-friendly web applications.

Education

Periyar Maniammai Institute of Science and Technology, Thanjavur   2023 - 2025

Master of Computer Science   **7.91 / 10 CGPA**

AVVM Sri Pushpam College,Poondi, Thanjavur   2020 - 2023

Bachelor of Computer Science   **8.06 / 10 CGPA**

Projects

Little Lemon Restaurant Application

- Developed a full-stack backend system for a fictional Mediterranean restaurant, Little Lemon, using Python, Django, and Django REST Framework.   _Source Code_
- Implemented key features such as menu item management, table booking APIs, and role-based access control. Designed scalable RESTful endpoints for CRUD operations and integrated authentication to ensure secure access for restaurant staff and customers.

Secured Sensor Data Management

- This project provides a secure and reliable sensor data management system that detects and bypasses malicious nodes while ensuring fast recovery from failure points. The web interface, built with HTML and CSS,MySQL includes role-based access for webpages admin user, Data owner, Data Verifier.

Technical Skills

Languages: C, C++, Python, JavaScript
Frontend: HTML,CSS, Bootstrap
Backend: Django web Framework, Restful API, SQL
Developer Tools: Version Control, GitHub, Git, Insomnia
Soft Skills: Problem-solving, Leardership, Teamwork

Certifications Courses

Meta Backend Developer

- Frontend development and Backend development using Python, Django, REST APIs, and MySQL   JAN – JUNE 23-2025
- Version control with Git, database management, testing, security, and deployment,Cloud Hosting, APIs, JSON, XML and more   **Coursera**

Core Python

- Fundamentals of Python programming including data types, control structures, functions, OOP'S, file handling, and error management.   MAY-2023 **Besant Technologies**

C, C++ Programming

- C: Basics of structured programming and memory handling.   May - OCT 2022
- C++: Object-oriented programming with classes and functions.   **SSL Educations**
- Ms-Word, Mx-Excel

Programming in Java

- Object-oriented programming with concepts like classes, inheritance, exception handling, and basic application development.   JUL - OCT 2024 **NPTEL**

Personal Details

Date of Birth : 08/09/2002   Nationality : Indian

Languages

- Tamil   • English