A D I T H I Y A N M

PYTHON DEVELOPER

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**ABOUT ME**

Passionate and detail-oriented Python Developer with a strong foundation in building efficient, scalable, and maintainable applications. Experienced in developing web-based solutions, automation scripts, and data processing tools using Python and related frameworks. Adept at problem-solving, debugging, and writing clean, readable code. Committed to continuous learning and staying updated with the latest industry trends and technologies. Looking to contribute my skills in a challenging and growth-oriented environment.

**EDUCATION**

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| IFET COLLEGE OF ENGINEERING  Bachelor’s Degree in Computer Science | Cgpa : 8.03 | 2022-2026 |
| SAKTHI INERNATIONAL MATRIC HR SEC SCHOOL  HSC | Percentage : 76.5 % | 2021-2022 |
| VIVEKANANDA VIDHYALAYA MATRIC HR SEC SCHOOL  SSLC | Percentage : 85.8 % | 2019-2020 |

**SKILL**

Python  Java  MySQL

C  HTML5  CSS3

**PROJECTS**

Symptom Based Disease Diagnosis Prediction Web App built using Flask and Machine Learning: [Github](https://github.com/Adithiyan21/Medicine-Recommendation-System-Personalized-Medical-Recommendation-System-with-Machine-Learning-main)

 Developed a Flask-based web application that predicts diseases using a machine learning model trained on user-input symptoms.

 Built with HTML, CSS, and JavaScript for the front-end, the app features real-time predictions, symptom selection, and an intuitive UI.

 The ML model (Decision Tree/Random Forest) was trained after data preprocessing and evaluated using accuracy metrics, demonstrating practical use of AI in healthcare diagnostics.

**INTERNSHIP**

SUV International | January 2025 – February 2025 | Location: Pondicherry

 Participated in an immersive internship program focused on Java Development, Cloud Computing (AWS), and Machine Learning applications.

 Developed and debugged Java applications using Eclipse IDE, understanding object-oriented design patterns and real-time software workflows.

 Explored AWS Cloud Services, gaining hands-on exposure to cloud deployment strategies, resource management, and scalable system architecture.

 Contributed to a Machine Learning project, involving data preprocessing, model training, and performance evaluation using real-world datasets.

CloudLogic Technologies | July 2024 | Location: Pondicherry

 During my internship, I gained hands-on experience in full-stack web development, working with technologies such as HTML, CSS, JavaScript, and Python.

 This experience strengthened my understanding of both client-side and server-side development.

 I also learned how to use GitHub for version control, and deployed a live project, gaining real- world insights into hosting and debugging.

 The internship enhanced not only my technical skills but also my ability to collaborate within a team, follow agile workflows, and think critically when solving user-related issues.