SATHANA S

Aspiring Software Developer

Email | **Linkedin** | **Github** | **Phone**

Aspiring **Software Developer** with hands-on experience in python programming, object-oriented design, and problem-solving. Built real-world applications including management system and simulations. Strong understanding of data structures, algorithms, and clean coding practices. Passionate about building efficient and scalable software solutions.

SKILLS:

TECHNICAL SKILLS

Programming Languages: Python, C++ (Basics), Java (Basics)
Core Concepts: Data Structures & Algorithms, Object-Oriented Programming (OOP), Problem Solving, Software Development Life Cycle, Debugging
Tools & Technologies: Git, GitHub, SQL, Jupyter Notebook, Excel

ADDITIONAL SKILLS

Problem solving, team coordination, communication, time management.

WORK EXPERIENCE:

Shadowfox – Software/AI Intern
September - 2024
- Implemented Python-based programs following clean coding practices.
- Worked with algorithms, debugging, and code optimization.
- Collaborated in a team environment and followed structured development flow.

Prodigy Infotech – Software & Data Intern
August – 2024
- Built Python programs for data processing and analysis.
- Applied logical thinking to solve real-world problems.
- Documented and tested code modules.

PROJECTS:

1.Student Management System
- Developed a Python-based system to add, update, search, and delete student records.
- Applied modular programming and file/database handling.

2.ATM Machine Simulation
- Built console-based ATM application using OOP concepts.
- Implemented secure input handling and transaction logic.

3.Online Test Portal
- Designed a web-based test system with user interaction.
- Implemented form handling and validation.

4.Autocorrect Keyboard System
- Built text-processing system using Python.
- Focused on algorithmic logic and efficiency.

5.Portfolio Website
- Designed and deployed personal website using GitHub Pages.
- Showcases projects, skills, and GitHub profile
- Live: https://sathana0305.github.io/Sathana.github.io/

EDUCATION:
JCT Institutions,Coimbatore
- B. Tech – Artificial Intelligence and Data Science
- CGPA:8.14(Up to 6th semester)

Brindhavan Higher Secondary School
- Higher Secondary Education – 64%
- Secondary Education – 94%

CERTIFICATIONS:
- Oracle cloud infrastructure AI foundations
- AWS educate introduction to generative AI
- AWS APAC – solutions architecture job simulation

LEADERSHIP EXPERIENCE:
Joint Treasurer – Department of AI & Data Science Association(2024-2025)
- Managed financial records and budgets with accuracy and accountability.
- Designed structured tracking methods for expenses and fund allocation.
- Coordinated with cross-functional teams to plan and execute events efficiently.
- Improved resource utilization through systematic planning and decision-making.

LANGUAGES:
- Tamil
- English