

PADMARAJU SREENIVASULU

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OBJECTIVE

Motivated Python Developer with strong hands-on experience in building Python applications, automation scripts, backend services, and database-driven systems.

Education

- Bachelor of Computer Science and Engineering | Kalasalingam Academy of Research and Education, Srivilliputhur, Tamil Nadu | CGPA: 7.56 | 2021 - 2025
- Intermediate | NRI Junior College, Andhra Pradesh | Marks: 888/1000 | 2019 - 2021
- SSC | Raju High School, Andhra Pradesh | CGPA: 10.0 | 2018 - 2019

SKILLS

Programming & AI Technologies:

| Python | Flask | Pandas | NumPy | MySQL | REST APIs | Web Scraping | GitHub |

Soft Skills:

Business Research & Analysis | Teamwork | Adaptability & Flexibility | Strong Analytical & Problem-Solving | Effective Communication | Quick Learner | Technology Enthusiast

PROJECTS

Drowsiness Detection System (Python)

Technologies: Python, OpenCV, Flask

Developed a Python-based real-time drowsiness detection system that monitors eye blink patterns using webcam input. The application leverages Python scripts for image processing, alert generation, and event logging to ensure accurate detection and timely warnings. A Flask-based web interface was integrated to display live detection status and alerts, demonstrating strong proficiency in Python logic, file handling, and real-time processing workflows.

Library Management System (Python Version)

Technologies: Python, MySQL

Designed and implemented a console-based Library Management System using Python to manage book records and user transactions efficiently. The system supports core functionalities such as adding, deleting, searching, issuing, and returning books, with data stored persistently using a MySQL database. Emphasized modular programming and exception handling to ensure reliable database connectivity, error-free execution, and maintainable Python code.

CERTIFICATIONS

- Microsoft Azure Fundamentals (AZ-900) (06/2024)
- Oracle Cloud Infrastructure 2023 Certified Data Science Professional (09/2023)