MOPIDEVI PAVITRA SURYA

Bapatla,Andhra Pradesh

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EDUCATION

Bachelor of Technology   **2020 - 2024**

Indian Institute of Information Technology   *Sricity,Chittor, Andhra Pradesh*

Computer Science and Engineering - **CGPA: 7.5/10.0**

SKILLS SUMMARY

Languages: Python, C Programming, HTML, CSS, JavaScript, Object Oriented Programming, Data Structures and Algorithms.
Developer Tools: VS Code, GIT, MySQL.
Frameworks: GitHub, ReactJS, NodeJS, ExpressJS, Git, MongoDB.
Soft Skills: Leadership, Event Management, Time Management, Teamwork.

EXPERIENCE

CodSoft ↗   **Oct 2023 - Nov 2023**
Python Programming   *Remote*

- Password Generator: Built a Python tool to generate secure, random passwords based on user-defined length.
- Developed a Rock-Paper-Scissors game, implementing game logic to determine winners based on standard rules.
- Created a basic calculator to perform arithmetic operations, allowing users to input numbers and select operations for results.

Innovixion ↗   **Nov 2023 - Dec 2023**
Python Development   *Remote*

- Developed a To-Do Application in Python, enabling users to add, delete, and manage tasks efficiently
- Designed a Number Guessing Game, challenging users to guess a randomly generated number within a limited number of attempts.

PROJECTS

DRUG TARGET INTERACTION AND PREDICTION | Machine Learning

- Developed a machine learning model for predicting drug-target interactions using GCNN to analyze complex biological data.
- The project involved web scraping, data preprocessing, feature engineering, and model evaluation.
- Achieved a prediction accuracy of 83.5%

HEALTH STACK ↗ | MERN Stack

- Developed a comprehensive e-commerce platform with an admin portal for online medicine and healthcare products, similar to Amazon and Flipkart.
- Secured user access with JWT authentication and email OTP verification.
- Utilized RESTful APIs for efficient frontend-backend communication, enhancing overall user experience.

PAVITRA SEA FOODS ↗ | MERN Stack

- Built an e-commerce platform using MERN Stack with authentication, cart, wishlist.
- Designed MongoDB schemas and APIs for CRUD operations and secure JWT-based authentication.
- Developed responsive React.js UI with Redux for efficient state management.

CERTIFICATIONS

- Python - EDUCBA ↗
- SQL - SkillUp ↗

EXTRACURRICULAR

LeetCode ↗

- Solved 300+ problems using Python, C++, Java and MySQL.

CodeChef ↗

- Solved 250+ problems using Python, C++, and Java.