Saran .A
Software Developer

Personal Details

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Technical Skills

- Python
- C
- C++
- JAVA
- HTML
- CSS
- Java script
- SQL
- GIT
- Flask
- Django

Achievements

1. 1st Prize in a Robotics Competition Organized by Robo Edutech India Pvt.Ltd.
2. 1st Prize in a National Level Student Project, Paper and Poster Presentation Competition.
3. 3rd Prize in a State level Robotics Competition Organized by Robo Edutech India Pvt.Ltd.
4. Volunteered at the 5th International conference on "Innovations in Electronics & Communication Engineering (ICIECE-2016)".
5. Elected as the Student leader for Robotics lab at GNI institutions.

Professional Summary

Passionate Software Developer with 2+ years of Experience in **Python**, **Java**, **C++** on IDE – Sublime editor, **Jupyter**, **PyCharm**, **Visual studio**, **Eclipse**. Well versed with **Data structure** and **algorithms**. Experienced in developing Web-based application using **Python**, **Flask** and **Django Web framework**. Experience with several python packages like **NumPy**, **Matplotlib**, **Beautiful Soup**, **Pandas data frame**.

Experience

SUNY Poly, Utica, NY   (09/2018-05/2020)
Graduate Teaching Assistant

- Assisted Students in Programming (**Python** & **Java**)
- Assisted Students in **Object Oriented Programming** course work.
- Supported the class lecture and Presentations of the course work.
- Worked on Research work related to **AI** and **Machine learning**.
- Observed Professor in Lecture and best Practices.

Concentrix Daksh Services India Private Limited.   (10/2017-06/2018)
Transaction Analyst

- Responsible for managing and taking actions according to policy guidelines.
- Supported Team in Policy revision and helped in solving issues.
- Supported Client with mitigating and monitoring user alerts and reports.
- Collaborated with law enforcement officials to track flagged reports.

Bobton IT Solutions Pvt Ltd   (10/2016-09/2017)
Python Developer

- Developed web-based applications using Python, CSS, HTML, Flask, JavaScript, and jQuery.
- Prepared and analyzed reports using Python libraries and involved in environment Setup.
- Acquiring, cleaning, and structuring data from multiple sources and maintain databases/data systems.
- Attending and contributing to company development meetings.
- Learning the codebase and improving your coding skills.

Academic Projects

1. Developed a Web application using **Flask** and Implemented **Natural Language Processing** Chat bot with a **Web Scrappe**r to extract information.
2. Heart Disease Prediction using **Machine Learning** algorithms like **KNN**, **Decision Tree**, **Random Forest**.
3. Programmed and built a Prototype of a **Steering less vehicle** for **physically Handicapped** person.
4. Built and Programmed a Stair climbing robot based on **MARS Rover**.

Education

SUNY Poly, Utica, NY (2018-2020)
Master of Science in Computer Information Science
GPA – 3.4

GNITC, HYDERABAD, TELANGANA INDIA (2013-2017)
Bachelor of Technology in Mechanical Engineering

keywords: Python, Django, Unix, XML, CSS, HTML, JavaScript, jQuery, AJAX, MySQL, SQLite, Python Libraries, git, Machine learning, Data Science.