SAILAVANYA NARTHU
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Linkedin | Github | Portfolio

EDUCATION

Illinois Institute of Technology, Chicago   **August 2022 - Present**
Master's in Computer Science

Anil Neerukonda Institute of Technology and Sciences   **June 2017 - May 2021**
Bachelor of Technology (Information Technology)

PROFESSIONAL EXPERIENCE

Tata Consultancy Services, Hyderabad, India

Software Developer   **July 2021 – July 2022**

- Developing a web application for a banking project using technologies such as JAVA and solving complex queries using databases like SQL, PLSQL as part of TCS digital. Working on the loan portal of the above mentioned project to provide the customers with easy access to cash at affordable rates.
- Working on high priority production issues and providing solutions to real time production issues and maintaining the application with defect free.
- Working on enhancements of the above mentioned application based on client requirements.

Software Developer Intern   **January 2021 – May 2021**

- Worked on managing data which includes writing complex queries to modify and maintain production data of customers.
- Moved data from collibra to ADS tool. Used PL SQL and MySQL technologies to write queries.

Hebeon Technologies Hyderabad, India

Python Developer Intern   **August 2020 – December 2020**

- Built a machine learning model that will predict the salary of an employee based on their experience. We used a regression algorithm for building this model.

TECHNICAL SKILLS

- **Languages & Web Technologies:** Java, Python, C , JavaScript, C++
- **Database & Frameworks:** SQL, MYSQL.
- **Tools and software:** Git, Visual Studio, AWS, Azure, ADS.
- **Skills:** Design and Analysis of Algorithms, SDLC, Agile and Waterfall, Test-driven development.

PROJECTS

Image Detection of roads using computer vision   [Python, Computer vision, CNN, ML models]

- Developed a robust image classifier based on image processing and road detection in self-driving vehicles to identify accidents happening using self-driving cars. This project helps in controlling the number of accidents in self-driving cars. Used data augmentation techniques.

Online blood donation management   [Java, CSS, HTML, JavaScript, OOAD models]

- Designed and developed a web application to manage blood donation using an online management system. This application helps in tracking and searching for blood donors easily. It maintains information related to blood donors.

Traffic Flow Analysis in Different Weather Conditions   [Python, Machine Learning models]

- The primary goal is to analyze and forecast traffic using the provided data, by using the sensors and traffic monitoring system to account for more traffic circumstances.

LEADERSHIP & ACHIEVEMENTS:

- Received "Star of the Month Award" for proactive involvement in defect free release.
- Received "On the Spot Team Award" for providing a solution to a bug in the application.

CERTIFICATIONS:

- "Python for Everybody" and "Python Data Structures" – COURSERA
- NPTEL – Problem solving through C.
- Completed an Internet of Things(IOT)certification course - COURSERA

CO-CURRICULAR ACTIVITIES:

- Presented a paper on Blue Brain in Radian 2k19.
- Volunteered as a cultural coordinator during college fest.