Prasanna SaiKumar Reddy Tanamala
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ACADEMIC QUALIFICATIONS

University of Texas Arlington,Texas, USA   Aug 2022 - Dec 2023 (Expected)
Master's in computer science

Sastra university, Thanjavur, India   July 2015 - May 2019
Bachelor's in Computer Science

TECHNICAL SKILLS

Programming /Web Technologies: Python, Apex, Java, C, Javascript, HTML, CSS
Databases: SQL, MongoDB

Tools: Git, Visual Studio, Jupyter Notebook

Salesforce, Machine Learning, LWC,Probability, Statistics, MS Excel.

EXPERIENCE

Salesforce Developer - Deloitte Consulting USI, Bengaluru, India, (Aug 2019 - Jul 21)

- Majorly worked on Sales Cloud. Marketing Cloud. Developed sophisticated user interfaces, build flows that help the sales team to create leads, capture lead journeys, convert leads.
- The most challenging part of my job is upgrading Page-centric classic applications into the most efficient app-centric newer technology.
- I worked on integrating Salesforce with an AI-based search engine to help the service team in terms of fetching the most frequently searched documents during their conversations with the customers.
- Majorly worked on automizing the manual process through which business has saved a lot of time and effort required to create/update records.

PROJECTS

License Plate Detection using Pytesseract (May 2018)

This project detects the license plate of a car from an image and extracts text from the number plate using pytesseract which is intended to automate the process of detecting vehicle numbers in various locations like traffic signals, toll plazas and shopping malls.

Finger Detection and Recognition (September 2018)

This project recognizes the number of fingers shown by the user to the camera using a convex hull and converts the whole video that is being streamed from an IP camera into different colour combinations. For example, if

the number of images shown to the camera is four it converts the whole video into grayscale and if the number of fingers is 2 then the whole video is turned into black and white.

Prediction of Coronary Artery disease using wrapper methods (April 2019)

This project predicts the existence of coronary artery disease. Data cleansing and data normalization have been done and normalized data has been sent to feature subset selection for which I used wrapper methods like Genetic algorithm, Artificial bee colony optimization, particle swarm optimization and this is trained by using the SVM model. Out of the two wrapper methods I have received better accuracy and precision with Artificial bee colony optimization.

WORKSHOPS AND EXTRACURRICULAR ACTIVITIES

- Acted as one of the mentors of the workshop conducted by Four steps Training SolutionsPvt. Ltd and this workshop is part of the "India Book of Records" under the criterion of the highest number of people attending an AI workshop during that time in India.
- Completed training on Python and Machine Learning from Edumind Learning Solutions.
- During my Secondary education, I bagged "The Ramanujam Award" as a remembrance of great mathematician Dr Srinivisa Ramanujam for showcasing excellent   skills in Mathematics.

CERTIFICATIONS

- Completed Salesforce platform developer 1 certification.
- Completed Udemy certificate on Python for Data Science and Machine Learning.
- Completed Deep learning certification from the Udemy platform.

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