Biradher Shreya

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Experience

Dec'21 -
Sept'22
Data Engineer at VirtueTech Inc. (Client : GoDaddy Inc.)
Created Tableau Sheets and Dashboards as per the client requirement
Worked on creating tables and views in Amazon Redshift
Automated tasks using airflow (MWAA)
Analysed the data present in Redshift using DBeaver SQL client software application.
Worked on Copying files from one environment to other environment using AWS CLI
Worked on retrieving access keys of S3 buckets periodically.
Worked on GitHub Actions POC for making the error free production environment
Strong understanding of ETL Concepts

Technical Skills

Python, SQL, Tableau, Airflow (MWAA), Amazon Redshift, AWS S3, Java, Deep learning, AWS, ETL

Certificates

1   Amazon Web Services (AWS) Certified Cloud Practitioner

Publications

1   S. Biradher and A. P., "Classification of Capsule Endoscopy Images based on Feature Concatenation of Deep Neural Networks," 2021 Fourth International Conference on Electrical, Computer and Communication Technologies (ICECCT), 2021, pp. 1-4, doi: 10.1109/ICECCT52121.2021.9616920.

2   S. Biradher and P. Aparna, "Classification of Wireless Capsule Endoscopy Bleeding Images using Deep Neural Network," 2022 IEEE Delhi Section Conference (DEL- CON), 2022, pp. 1-4, doi: 10.1109/DEL-CON54057.2022.9753487.

Education

2019–2022   **M.Tech (Research) in Communication Engineering and Networks**
National Institute Of Technology Karnataka, Surathkal, Mangalore. (**CGPA**: 7.75)

2015–2019   **Bachelor of Technology in Electronics and Communication Engineering**
Rajiv Gandhi University of Knowledge Technologies (RGUKT), Basar, Telangana. (**CGPA**: 8.63)

2013–2015   **Pre University Course (MPC)**
RGUKT Basar,Telangana. (**CGPA**: 9.51)

2012–2013   **Matriculation (CBSE)**
Jawahar Navodaya Vidyalaya (JNV), Nizamasagar, Telangana. (**CGPA**: 10.0)

Projects

July'2020–
Nov'2021
M.Tech Research Project:
Objective:Analysis of wireless capsule endoscopy images using deep learning methods. Programming language used: Python.

Jan'19–
April'19
B.Tech Major Project: Automatic Heartbeat Classification based on Time Scale Descriptors using CNN
Objective: To develop a classification system that detects arrhythmia based on time scale descriptors using Convolutional Neural Network (CNN).

May'18-
June'18
Summer Internship Project, NITK: Heart Beat Classification using SVM Classifier

Objective: To classify thirteen classes of ECG beats using Support Vector Machine classifier.

Nov'17-
Feb'18
Collector Bot (eYRC-2017)

Objective:To build a COLLECTOR BOT which collects the fresh fruits by ignoring damaged fruits and load them into a truck. A Supervisor station which processes the images captured by overhead camera and simulates the path, motion of virtual collector bot in VREP. The velocities of virtual bot obtained in VREP are scaled according to the dimensions of real time collector bot and transferred to it through XBEE.

Positions of Responsibility

1 Joint Secretary of Sports and Games in the academic year 2017-18, RGUKT Basar.
2 Team leader of the project named COLLECTOR BOT in eYRC conducted by IITB in the year 2017.
3 One of the Organiser in Anthapragnya-2k17.
4 Captain of under-19 Girls category Table Tennis team of Telangana Cluster in the year 2012-13.

Extra Curricular Activities

1 Winners in ALL INDIA Inter NIT Table Tennis meet 2019, NIT Silchar, Assam.
2 Participated in AndhraPradesh State Women's Table Tennis competition held in Vijayawada, 2012- 13.
3 Participated in Regional level Table Tennis meet held in JNV Koppal, Karnataka conducted by Navodaya Vidyalaya Samithi, New Delhi, 2013.