

SASHANK KESABOINA

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EXPERIENCE

Cognizant Technology Solutions

Programmer Analyst Trainee

📅 September,2021- August, 2022 📍 Hyderabad, Telangana

- Worked in a project for Amgen Pharmaceutical company. It is a backend support project uses ETL tools such as Informatica and Cognos.
- Retrieving data using SQL queries using informatica platform
- Error handling for the requests and writing queries accordingly
- Monitoring daily loads and solving the failed loads

Ridhan Technologies

Summer Intern

📅 June,2019- july, 2019 📍 Hyderabad, Telangana

- Worked on frontend development of a website 'Tuta Screen'.
- Developed a mobile application for 'Tuta Screen' which is compatible for both Android and IOS.
- Appointed as the team leader of my peers.
- Technologies used - Ionic Framework, Angular JS, HTML, CSS.

PROJECTS

Voice Controlled Robot using Arduino and Bluetooth Module

- Built a bot that runs on voice commands.
- The voice input is transmitted through a bluetooth module and runs with the help of an arduino microcontroller.
- Technologies used - Arduino Software, Bluetooth Module.

Crime Data Analysis

- Developed a model that predicts crime using machine learning algorithms like Random forest, Decision tree and Linear Regression.
- Technologies used: Python 3.7, Google colab.

Tuta Screen mobile and web application

- Developed a website "Tuta Screen" which follows an online phone repair booking system. It is then developed into a mobile application which is compatible for both Android and IOS.
- Technologies used: Ionic Framework, Angular JS, HTML, CSS.

Loan approval prediction using Machine Learning

- Loan Approval Prediction is a classification problem , given information about the application we have to predict whether they'll be to pay the loan or not.
- Technologies used - Python 3.7, Jupyter Notebook.

Real Time Sign Language Detection Using Tensorflow

- Hand gestures are taken as input images and trained with Mobilenet SSD model by splitting the data into train and test, predicting the gesture with accuracy.
- Technologies used - Python 3.7, Jupyter Notebook.

PUBLICATIONS

📄 Journal Articles

- K V Sai Sashank, Vaddemani Sai Madhav and G.Shriphad Rao (2020). "Crime Data Analysis Using Machine Learning Models". In: *International Journal of Advanced Science and Technology* 29 (9), pp. 3260–3268.
- K V Sai Sashank, Manideep Jammigumpula and H.Jagadish Kumar (2019). "Voice Controlled Car using Arduino and Bluetooth Module". In: *International Journal of Engineering and Advanced Technology* 9 (2), pp. 1062–1065.

COURSEWORK

- Data Analytics and Modelling Techniques,DBMS Models and Implementation, Software Engineering, Computer Networks

EDUCATION

Masters Degree in Computer Science University of Texas at Arlington

📅 2022 - PRESENT 📍 Arlington, Texas

B.Tech. Degree in Electronics and Computer Engineering

Sreenidhi Institute of Science and Technology

📅 2017- 2021 📍 Ranga Reddy, Telangana

Secured 7.82 CGPA

Senior Secondary Examination - Class 10+2

Brilliant Junior College

📅 2015-2017 📍 Hyderabad, Telangana

Secured 93 percentage

SKILLSET

- C, C++, Python , Java, MySQL, Windows, Linux, HTML, CSS , Java Script, Git, Bootstrap, XML