Adarsh Raghav

aadarshraghav@gmail.com | +918527366600 | linkedIn/adarshraghav | github/adarshraghav

EDUCATION

B.Tech Computer Science Engineering   Noida, IN | Aug 2019 - May 2023
Bennett University
Treasurer Bennett Artificial Intelligence Society (BIAS)

WORK EXPERIENCE

GOOGLE | Intern, Google Cloud   Bangalore, IN | May 2022

- Designed and implemented a Notification Bot for spaces using **JavaScript**, **GCP Cloud Functions** and **Chat API** to increase productivity and keep up to date with upcoming deadlines.
- Ensured that the Bot could be invoked using user input with the advance architecture combined using **DialogFlow** and **Pub/Sub** to intercept and redirect valid requests.
- Aided in the development of various TAM tools development. Learned and participated in various TAM activities and various TAM offerings.
- Created a **React** web app to better visualise data being processed from **RSS Feed** and **REST API** later to be deployed using **GCP AppEngine**.
- Designed another Web-App/dashboard which consolidated multiple tools used on a daily basis in one place.
- Exceeded requirements in each stage, which as a result led both the tools to production and deployment.

CUREYA | Data Science, Research And Development (RnD)   IN | May 2021 - Jul 2021

- Analysis and prediction on pre-existing data sets using various machine learning techniques such as KNN and Regression.
- Came up with multiple innovative ideas for the company, Such as an AI based patient monitoring system and a ML based platform to predict covid through DICOM images of lungs, which could possibly used in hospitals.

PROJECTS

CLOUD RESOURCE OPTIMIZER ⬀   Python, GRU, IND-RNN, LSTM
Built a Cloud Computing Resources Prediction using ML/DL techniques. Here we will be creating a fully automated solution for B2B, which will give businesses an idea of how much resources(virtual machines) are being wasted..

VAAYUSENS AIR QUALITY MONITORING ⬀   JavaScript, React, NodeJs, IOT
VaayuSens has developed a monitoring device that will help to identify as well maintain the quality of air inside the air-conditioned space through optimized operation of chilled water flow as well the fresh air damper.

ONELEAGUE ⬀   Dart, Flutter, MySQL
With one username and password we want to give power in the hands of future students. This platform is developed to eliminate a constant need to fill the same details several times for different colleges.

SMART SENSE (PATENT) ⬀   ESP32, IOT, C
Due to rising risks of covid-19 and how it is rapidly spreading globally, we decided to invent a device that would prevent the spread of covid-19. Smart sense, is a automatic sanitization system for the interior of a vehicle. It continuously sanitizes the common hotspots so that spread of the infection is stopped at its root.

BRAIN ABNORMALITY CATEGORISATION ⬀   Python, CNN, RNN, AlexNet, VGG16
For this project we trained and tested over primitive models and create a custom CNN model using a augmentation layer resulting in an accuracy of 92 percent.

CERTIFICATIONS

GOOGLE CLOUD | Associate Cloud Engineer | Jun 2022

AMAZON WEB SERVICES | Cloud Practitioner | Dec 2021