CHAITANYA KHINVASARA

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EDUCATION

Vishwakarama Institute Of Technology | Pune   JAN 2016 – JUN 2020
B.Tech Computer Engineering   (GPA 8.9/10)

RELEVANT COURSES

Operating Systems, Computer Networks, Introduction to OOP, Data Structures, Linear Algebra and Probabiltiy, Automata Theory, Compiler Design, Computer Graphics

TECHNICAL SKILLS

Languages:	C/C++, R, Python, Java
Web Technologies:	HTML, CSS, Javascript , Bootstrap
Tools / Framework:	Keras, Tensorflow, R Shiny, Gitlab, CI/CD Pipeline , Docker , Kubernetes

EXPERIENCE

Nvidia Graphics Pvt.Ltd | Pune   JAN 2020 – JUN 2020
System Software Intern

- Designed a CI/CD pipeline for the existing services as well as new services on Gitlab and Jenkins.
- Used Docker and Kubernetes to dockerize and containerize those services so that they could be ready for deployment.
- Did POC's on how to setup Kubernetes runner on Gitlab to run the jobs in the pipeline and how to store the cache for the jobs so that they can be used again.

Data Science Technologies Pvt.Ltd | Pune   MAY 2019 – JUL 2019
Data Science Intern

- The responsibilities included building machine learning and deep learning models for various sales and marketing solutions , visualize data and acquire business insights.
- Used R and R shiny to create dashboard for the insights that were found from that data.
- Predicted churn using Deep Neural Networks .

PROJECTS

Drishti – A Smart Aid for Visually Impaired People

- Proposed an aid(stick) for visually impaired people which would assist them while walking by alerting the person about the potholes and the obstacle that are present in the path using ultra-sound sensors.
- Designed an android app with features such as emergency contacts, map for directions and object detection for the same.

Parking System Automation

- The idea was to create a product to assist the parking systems for the mall and certain private buildings. This could avoid a lot of parking problems including the proper parking at the particular place.
- Created an android app where user can pre-book the parking spot with all the details .
- Used Django to deploy the model. Used canny edge algorithm for number plate recognition.

HR Assistant Product

- Proposed a model to automate the recruitment process.
- The automatically downloaded resume attachments from mail are preprocessed to extract candidate information. An aptitude test was created for a bracket of applicants and grading algorithm was designed to assess the applicant w.r.t the job profile applied for.

Shortest Path in the College

- The project involved using Computer Graphics along with Dijkstra's Algorithm to find the shortest distance between the two points of the college .
- The map of the college was drawn using Computer Graphics and each point served as node to find the shortest distance