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WORK EXPERIENCE

Applications Developer 1

Oracle Corporation

06/2019 - Present

Hyderabad, India

Achievements/Tasks

- Developed REST APIs using Python for interaction between back end and front end across services.
- Developed new features, web pages and reports.
- Scheduled jobs to send emails to the users.
- Integrated analytics with various services.
- Upgraded the Textura Payment Management application from Python 2.7 to Python 3.7.
- Built Jenkins pipelines to automate development and testing tasks.

Project Intern

Oracle Corporation

01/2019 - 06/2019

Hyderabad, India

Achievements/Tasks

- Migrated a .NET web service to Django.
- Learned about micro-services and communication between them to perform the specified tasks.

Research Intern

Defence Electronics Research Laboratory (DLRL)

04/2018 - 06/2018

Hyderabad, India

Achievements/Tasks

- Implemented Network Monitoring Software in JAVA to monitor and analyze radio network.
- Closely studied network sniffing tools like RabbitMQ, WireShark.

EDUCATION

Bachelors of Engineering in Computer Science and Engineering

Chaitanya Bharathi Institute of Technology

07/2015 - 05/2019

Hyderabad, CGPA 8.56

Courses

- | | |
|----------------------------------|-------------------------------|
| - Data Structures and Algorithms | - Object-Oriented Programming |
| - Database Management Systems | - Operating Systems |
| - Machine Learning | - Theory of Automata |

Secondary High School

Narayana Junior College

06/2013 - 05/2015

Hyderabad, Percentage 97.8

High School

Vasavi Public School

05/2008 - 05/2013

Hyderabad, CGPA 10

SKILLS

Python

C++

JavaScript

SQL

HTML5

Django

GIT

Jenkins

JIRA

Agile

Deep Learning

Reinforcement Learning

PyTorch

Computer Vision

Tensorflow

Keras

PERSONAL PROJECTS

Human Activity Recognition for Video Surveillance

- Applied CNNs and Resnets to detect and alert about a suspicious human activity in a real-time video. Trained networks on varied visual data extended by data augmentation.

Neural Style Transfer

- A deep learning application that combines the content of an image with the style of an art to produce new images.

Human Name Generator

- A supervised NLP application that uses character-level language modelling to generate new human names.

Movie Recommendation System

- Implemented using Collaborative Filtering Algorithm. Recommends a set of movies based on user's watch history and ratings of the past.

ACHIEVEMENTS AND COURSES

Contributed to open-source machine learning libraries like matplotlib and datascience.

One of the 25 students to be recruited by Oracle from a pool of 1000+ applications across 3 different colleges.

Finalist of Angel Hackathon - 18.

Certification course in Deep Learning Specialization by deeplearning.ai.

Completed Stanford's CS231n: Convolutional Neural Networks for Visual Recognition course.

EXTRA CURRICULARS

Volunteer at Oravolunteers, Oracle.

Enthusiastic nature and landscape photographer.

Core member of Coderplex AI community.

Volunteer at Robin Hood Army NGO.