

POTLA DHANUSH SRIRAM

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Experience

Software Developer Intern

Jun. 2023 – Aug. 2023

Brihaspathi Technologies Pvt. Ltd

Hyderabad, Telangana

- Worked on a project for streaming IP camera feeds using Amazon Web Services (AWS) while simultaneously leveraging Amazon S3 for optimal storage.
- Worked on live streaming of security IP camera video content, coupled with the storage of these recordings.
- Learnt the Utilization of AWS to safeguard the stored feeds from potential damage, fortifying the overall robustness of the surveillance system.

Data Analyst Intern

Dec. 2022 - Jan. 2023

Corizo

Bangalore, Karnataka

- Built a Machine learning model using Python for stock price prediction and Road lane identification as a minor project.
- Built a Machine learning model for identification of diabetic retinopathy using clustering as a major project.
- Coordinated with the team for a group project to increase the Wine Quality Prediction and provide accurate analysis and managed to increase the prediction accuracy.

Projects

Movie Recommendation Engine

- Machine Learning project to recommend movies to users based on movies they and users with similar interests liked.
- Used Sklearn to perform user-based and item-based collaborative filtering and recommend movies to users.
- Deployed the machine learning model and built an API using FastAPI in Python to connect it to the frontend.

Ryoko

- Worked on Building a Travelling based website as a Group project.
- Developed the Landing page for the website using HTML, CSS, and JavaScript.
- Created a database schema using MySQL to store information about tourist places, user profiles, reviews, and any other relevant data.

Fitness Action Recognition

- Worked on a Project to build a Deep learning model for identification of the action performed and labeling the action.
- Deployed the Deep Learning model and classified the actions performed into the workouts using a Convolutional neural network.

Skills

Languages: Python, C++, C, SQL, JavaScript, HTML/CSS

Framewors: AWS, Express.js, Node.js, MongoDB, FastAPI

Libraries: React.js, Pandas, NumPy, Matplotlib, Sklearn, Tensorflow, Mongoose

Developer Tools: : Git, AWS, VS Code, Visual Studio, PyCharm, Eclipse

Education

Manipal Institute of Technology

Manipal, Karnataka

Bachelor of Technology in Data Science, Minor in Business Analytics - 7.67 CGPA

Oct. 2020 – Present

Sri Chaitanya Junior College

Vijayawada, Andhra Pradesh

Board of Intermediate Education

Jul. 2018 – Mar 2020

Organizations

National Cadet Corps

Leading Cadet

Feb 2020 – Feb 2023

Manipal Editorial Board

Board Member

Apr 2022 - Present

Certificates

Data Analysis Training - IBM skills networks

Certificate for completion of an 8 weeks online training on Data analysis consisting of python, SKlearn and Numpy.