

P. Damodhar Sai

Hyderabad, Telangana
9996686976 | damodharsaipesay@gmail.com

in <http://t.ly/a1E3>

Objective

Constantly seeking to engage my knowledge to learn something useful and keep challenging myself to be a better performer in accordance to the company's requirements. Good and quick learner, flexible with different technologies.

Education

- **BML Munjal University** 2017-21
B.Tech, Electronics and Communication Engineering

Experience

- **Electronics Corporation of India Limited** March 2021 - Present
Software Developer Intern
- **OCTAZEN Software Solutions Pvt Ltd** May 2020 - June 2020
Data Science Intern
 1. Developed code using Auto-Regressive Moving Average Model to predict the movement of stock prices.
 2. Developed code to analyze the spread between cash and future prices to get opportunity points.
- **Bharat Dynamics Limited** May 2019 - July 2019
Summer Intern
 1. Worked on a Coupled-Line Chebyshev Response Microwave band-pass filter for the 2.4GHZ ISM Band

Languages And Technologies

- Programming Languages : JavaScript, Python, Java, PHP, C, TypeScript
- Frameworks & Libraries : Protractor (E2E Automation), Angular, Flask, Django, Express.js, Node.js, Laravel, React.js, Sequelize.js, Serverless(Node.js), Spring Boot, jQuery, Pandas, scikit-learn
- Web Design : HTML5, CSS3, SCSS
- Database : MySQL, MongoDB
- Version Control : Git
- AWS Services : Lambda, Chime, API Gateway, Amplify, EC2, S3, RDS

Projects

- **Binge Watcher- A Movie Recommendation System (Live Demo: <https://bingewatcherdamodharsai.herokuapp.com/>)**
 - A Movie Recommendation and review system. Data were taken from IMDB. Used collaborative filtering for the Recommendation system. Sentiment analysis using NLP. Deployed on Heroku. Developed using Flask.
 - This application provides all the details of the requested movie such as overview, genre, release date, rating, runtime, top cast, reviews, recommended movies, etc.
 - (**Utilized:** Python, Flask, NLP, Pandas, HTML, CSS)
- **Online Hospital Management System (Live Demo: <https://hospitalmanagementsystem-dsp.herokuapp.com/>)**
 - The software covers all aspects of the management and operation of the hospital. (**Utilized** Php, MySQL, HTML,CSS, Javascript)
- **Order My Food (Live Demo: <https://order-my-food-online.herokuapp.com/login>)**
 - A simple online food ordering application developed using MEAN stack with jwt authentication enabled and password encrypted. (**Utilized:** MongoDB, ExpressJS, Angular, NodeJS)
- **Diabetes Prediction (Live Demo: <https://diabetespredictorsystemdsp.herokuapp.com/>)**
 - The project involved developing a classification model to predict whether a person had diabetes or not based on parameters like 'Age', 'BMI', 'Pregnancy', 'Blood Pressure Level' etc. The code is written in Python 3.6.10 and involved using Scikit-learn library, HTML-CSS, and flask-gunicorn for deployment on the Heroku cloud platform.
- **Railway Track Crack Detection Robot**

Personal Details

- Github : <http://t.ly/sxfy>

Accolades

- Published an article on 'How to handle missing values in Python?' <http://t.ly/jibD>
- Member of organizing committee of The 67th Milestone'19 fest of BML Munjal University
- Attended Workshops on AI and Cloud Computing at DTU, Delhi

Certifications

- R Programming - The Johns Hopkins University
- Practical Machine Learning - The Johns Hopkins University
- Neural Networks and Deep Learning - DeepLearning.AI
- SQL for Data Science - University of California, Davis