Vamsi Krishna Kodavali

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Pre-final year | Computer Science And Engineering | IIT Jodhpur

EDUCATION

IIT JODHPUR
B.Tech. in Computer Science & Engineering
Expected 2023 | Jodhpur
CGPA : 7.88/10 (upto 4th sem)

NARAYANA JUNIOR COLLEGE
A.P Board Class 12
March 2018 | Vijayawada
Percentage : 96.8/100

TRIPS INTERNATIONAL SCHOOL
CBSE Class 10
March 2016 | Rajahmundry
CGPA : 10/10

COURSEWORK

UNDERGRADUATE
• Introduction to Computer Science
• Data Structures and Algorithms
• Software Engineering
• Pattern Recognition and Machine Learning
• Probability, Statistics and Stochastic process.

SKILLS

PROGRAMMING
• C • C++ • Python

WEB TECHNOLOGIES
• Html • CSS • Bootstrap

FRAMEWORKS
• Django • Django REST • Vue JS

TOOLS AND TECH
• Git • Postman • Heroku
• Digital Ocean

HOBBIES

• Listening Songs
• Playing Cricket, Badminton
• Cooking
• Cubing
• Exploring investment options.

PROJECTS

SITUATION REACTION TEST | Web application for taking surveys for SRT (Concept confidential)
Dec 2019 - Mar 2020 | Supervisor: Dr. Ankita Sharma
- **Designed and developed an API** for the survey system.
- Supported the team of 2 other programmers in designing frontend as well.
- Technologies used: **Django REST and Vue JS.**
- The application is all set to be deployed in **2 countries.**

ROBOTICS WEB PORTAL | Dynamic web application
Sep - Oct 2019 | Robotics Club, IITJ | Github link
- **Added Events and Competitions management section** to let the users know the details of the events and register for the same based on their interests.
- Helped designing frontend by collaborating with 3 other programmers.
- Technologies Used: **Django REST, VUE JS.**

THE SANDS TIMES | MVT based development project
Mar - May 2020 | Software Engineering Course Project| Github link
- **Designed an architecture for connecting students across the IITJ community** socially through a web application for campus news updates.
- Added Google OAuth2.0 Authentication module for authentication.
- Implemented **backend in Django and frontend in HTML,CSS.**

GLASS VS NO-GLASS CLASSIFICATION SYSTEM
Mar - May 2020 | Machine Learning Course Project
- Analysed and preprocessed the dataset which have Generative Adversarial Neural Network (GAN) vectors that were created out of all the images.
- After Feature Scaling and Dimentionality reduction, observed that SVM model gave the best results over all the trained models that include MLP, Random Forrest Classifier.
- Used numpy, pandas and sklearn libraries.

AWARDS AND ACHIEVEMENTS

- Hello Tomorrow Challenge 2016: Our project **got selected for the Hello Tomorrow Global Summit** and were invited to attend the Hello Tomorrow Entrepreneurship Summit which took place in Paris, France.
- **JEE 2019:** Among the top 0.5 percentile out of 1.35 million aspirants.

EXTRACURRICULARS

- **Core Team Member**, Robotics Club, IIT Jodhpur. I contributed for the society by developing a portal for it.
- **Marketing Team Member**, INICIO 2019, Entrepreneurial Fest, IIT Jodhpur.
- **Hosting team member in Extempore Competition** IGNUS 2020, Socio-Cultural Fest, IIT Jodhpur.
- Member of Cubing Club IITJ, and recorded best time of **44.59 seconds** in solving 3x3 rubix cube.