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ABOUT ME

Individual with enthusiasm in field of Computer Science, Space and Technology . Always ready for trying new things and solving problems related to real world.

SKILLS

- Data Science
- Machine Learning Algorithms
- Deep Neural Network
- Image Processing
- Audio & Signal Processing
- Python
- PostgreSQL, MySQL and MongoDB
- Object-oriented programming
- C/C++
- Data structures And Algorithms
- Node.js

EDUCATION

Devi Ahilya Vishwavidyalaya University Indore

M Tech Integrated [5 yrs] ,
Major in Information Technology
2017 - 2022
CGPA : 8.5 [Marksheets](#)

New Golden Higher Sec School Indore

Class 12
Major in Physics, Chemistry and
Mathematics
2015 - 2016
CGPA : 8.14 [Marksheets](#)

WORK EXPERIENCE

Data Scientist Intern

Zummit Infolabs (February 2023 to Present)

- *Currently Working on Deaf Person Voice/speech to text project*
 - Audio Classification and Processing
 - Image Processing
 - Spectrogram
 - SpecAugment
 - Deep Learning model
- *Worked on red eye detection and removal automation with high accuracy*
 - Object Detection
 - Image Augmentation
 - Deep learning model
 - Computer Vision and Image Processing

Student Intern

School Of Physics, DAVV (January 2022 to Jun 2022)

- *Worked on solving coupled differential equations using RK4 and plotting the solutions to find resonance frequency in order to avoid disaster*
 - Oscillation and vibration theory
 - RK4 for differential point solutions
 - Origin application for mapping resonance point

Developer Intern

Onports Pvt. Ltd (January 2021 to April 2021)

- *Worked on Canvoza Project*
 - Making application real-time
 - Making search algorithm to fetch from data
 - Discount and pricing algorithm

PROJECTS

G2Net Detecting Continuous Gravitational Waves

(10/2022 - 01/2023)

- Dataset analysis and data preprocessing
- PCA study and deployment
- Feature recognition and extraction
- Multiple noise - multiple detector data analysis on our model
- Perceptron, KNN and SVM model deployment analysis

MGSecurity

(01/2021 - 03/2021)

- The project will provide an intelligent and reliable solution for security and tracking from MG security.
- PostgreSQL - Database and queries creation for API's
- Node.js - Server setup and scripting, creating regular API's
- Machine Learning - Creating OCR setup using tesseraact model
- Python - creating web scraping code to get info from government website with respect to all number plates extracted from image using OCR model

CERTIFICATES

- IUCAA : Exoplanets Course on Planets Orbiting Stars Other Than the Sun (02/2023)
- GWOSC : Gravitational Wave Open Data Workshop #6 (05/2023)
- IIT Bombay : Utkraanti National Level Championship (09/2019)
- Udemy : Image Recognition Using CNN By Start-Tech Academy
- Udemy : Linear Regression and Logistic Regression By Start-Tech Academy
- Coding Ninjas : Innovative India Coding Championship Round - 2 (29/07/2022)
- Coding Ninjas : Innovative India Coding Championship Round - 1 (20/07/2022)
- RE.T3CH 2.0 Hackathon [IIPS, Devi Ahilya Vishwavidyalaya] (02/2019)
- RE.T3CH Hackathon [IIPS, Devi Ahilya Vishwavidyalaya] (10/2018)