

Rohit Valsetwar

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github
Linkedin

Languages

Python

SQL

HTML

CSS

JavaScript

Skills

Machine Learning

Django

AWS

Git/Github

NLP, OpenCv

Certifications

PDAC-23
Edumex Academy

Cloud Computing
Opine Group

Awards

Runner-up
College Hackathon

Publications

AI Hindi Poem Generator
STM Journals
July 2024
Link to Paper

Motivated Computer Science graduate specializing in AI/ML, with a strong foundation in problem-solving and hands-on experience in data-driven projects. Proficient in Python and SQL, and eager to apply skills to develop innovative solutions in a dynamic work environment.

Experience

KultureHire **Sept 2023 - Nov 2023**
Data Analyst Intern

- Led Gen Z career aspirations analysis using Tableau and SQL
- Developed actionable Tableau dashboards for strategic insights.
- Strengthened survey design, SQL, Tableau, and cross-functional teamwork.

Feynn Labs Services **May 2023 - Jul 2023**
Machine learning Intern

- Completed 3 impactful projects: market segmentation, startup success prediction, and web app deployment.
- Collaborated in a team of 4 for online cab booking market segmentation and analysis..
- Developed startup success prediction system and interactive web app using Streamlit.

Education

Vishwaniketan's iMEET, Raigad **2024**
Computer Science & engineering (AIML) **BE**
8.94 CGPA

Janata Junior college, khopoli **2020**
Science **HSC**
75.23 %

Projects

Personal Portfolio Website
Python, Django, SQL, HTML,CSS,JS

- Created a responsive portfolio** with **Django, HTML, CSS, and JavaScript** to showcase projects and skills.
- Added dynamic features** like a project gallery, contact form, and blog using an **SQL database**.
- Deployed on the cloud** for fast performance and mobile responsiveness.

Student Engagement Analysis
Python, ML, OpenCV, CNN, Webtech
Link

- Developed a real-time **Student Engagement Analysis** system using **Python, OpenCV, and CNN-based gaze tracking** to monitor and evaluate student attention.
- Implemented head pose estimation and gaze tracking algorithms to measure focus and engagement during online or in-person learning sessions.
- Delivered actionable insights to improve learning outcomes by identifying attention patterns and engagement levels in students.

Mushroom Quality Detector
Python, ML, AWS Sagemaker, Webtech
Link

- Developed a **Mushroom Quality Detector** leveraging the **Random Forest Classifier** to accurately classify mushrooms as edible or poisonous, ensuring consumer safety.
- Enhanced model performance through **hyperparameter tuning** and optimized the workflow using **Amazon SageMaker** for efficient deployment.
- Achieved high classification accuracy, contributing to the development of a reliable, safety-critical solution.