NIHAR WALAWALKAR

Highly motivated AI & Data Science undergrad (quick learner, detail-oriented, thrives under pressure) seeking an opportunity to apply technical and organizational skills to contribute to company growth and advance my career. Passionate about problem-solving, research, and new technologies.

Internships

Machine Learning Intern

Vivekanand Education Society's Institute Of Technology
2024-25
Developed an anomaly detection model using Temporal Convolutional Networks (TCNs) to identify faults in time series data. Conducted extensive data preprocessing, including normalization, labeling, and reshaping, to optimize model performance.

Educational Background

Vivekanand Education Society's Institute Of Technology
B.E. | AI and Data Science
GPA: 8.98 (Upto SEM V)

HSC | Science 82.40%
SSC 92.20%

Projects

Full-Stack Survey Website
Developed a full-stack website enabling users to create, share, and manage surveys.

- Implemented user authentication with Firebase for unique identities and MongoDB for user-specific data storage.
- Features include survey deletion, single/multiple response toggle, survey history, and dark/light mode.
- Integrated a Data Analytics tab for response visualization (bar, line, pie charts) and exportable Excel reports.

Eye Cursor
Key responsibilities: Designed an website that will help people to download our software
We used HAAR CASCADE ALGORITHM to build the eye cursor project

Blog Website Using Flask
A fully functional blog website using Python's Flask framework.
Functionalities:

- Add a post
- Delete a post
- Edit a post
- Admin Panel
- Integration of MySQL for database functionality

Flutter Video Conference Application
Flutter Video Conference Application using ZEGOCLOUD API
User Authentication using Firebase
Real-time call tracking and analytics
Additional features like share screen, chat, etc.

Plant Disease Detection
A flask-based website that will help to identify the plant diseases based on the input image.
Used a popular "ResNet-18" model. ResNet-18 is a convolutional neural network (CNN) that's part of the Residual Network (ResNet) family. It's used for image classification and can identify 1,000 object categories. ResNet-18 is trained on a subset of the ImageNet database, which contains over a million images. Used Plant Pathology dataset.

Contact

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Skills

Technical Skills

- Frontend Development
- JavaScript
- Java
- Python
- C++
- SQL
- Data Analysis
- Flutter
- Linux

Tools

GitHub, Tableau, Power BI, Postman, AWS

Soft Skills

- Problem Solving
- Logical Reasoning
- Time management
- Multi-tasking

Certification

- AWS Academy Cloud Foundations
- NVIDIA Applications of AI for Anomaly Detection
- NVIDIA Applications of AI for Predictive Maintenance
- Accenture Data Analytics & Visualization

Achievements

- Won first prize in Ideathon Competation, February 2024