

Bhavanam Gireesh Reddy

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EXPERIENCE

PI-LABS | -INTERN -DEVELOPER

Aug 2024 – Present | Pune, India

- Spearheaded the development of an advanced deepfake detection model using TimeSformer, focusing on enhancing detection accuracy and reliability.
- Developed and deployed a fully functional MERN stack website, integrating the transformer-based deepfake detection model for a seamless user experience.
- Successfully led the integration of the transformer model into a web platform, enhancing accessibility and user interaction.

ACADEMOR | CLOUD COMPUTING (ONLINE)

Jan 2023 | Pune, India

- Created a website using Microsoft Azure Cloud Services to showcase cloud services.
- Developed a virtual application on Azure to explore cloud functionalities.
- Built a basic virtual operating system using Azure, focusing on services and cloud-based OS development.

PERSONAL PROJECTS

FACE MASK DETECTION | JAN 2024 - MAY 2024

- Developed a face mask detection system using YOLO V5, achieving an accuracy of 98%.

DATA GENERATION TECHNIQUES FOR DEEFAKE

DETECTION | JAN 2024 - JUNE 2024 | B.TECH PROJECT

- Built data generation techniques using automation and models for deepfake detection with Roop-Unleashed and Transformers, achieving 86% accuracy.

HEART STROKE PREDICTION | JULY 2023 - DEC 2023

- Applied machine learning (Logistic Regression, Random Forest, Linear Regression) to predict heart stroke, achieving 90% accuracy.

RESEARCH PAPERS

STOMACH DISEASE PREDICTION USING DEEP LEARNING

| JAN 2024 - PRESENT

- Paper on stomach disease prediction using Kaggle dataset and ResNet-50, achieving 94% accuracy. Selected for conference on Nov 11, 2024.

EMPOWERING GIRI: API INTEGRATION AND

TRANSLATION CAPABILITIES | JAN 2024 - PRESENT

- Research paper on Giri API integration for voice commands, featuring multi-language translation, auto file saving, and OS application access.

EDUCATION

SYMBIOSIS INSTITUTE OF TECHNOLOGY | B.TECH IN

COMPUTER SCIENCE

Jun 2021 – Present | Pune, India

BHASHYAM JR COLLEGE | 11TH & 12TH

Apr 2019 – Mar 2021 | Guntur, Andhra Pradesh

SKILLS

- Programming: Python, Java, HTML, CSS, JavaScript, C & C++
- Machine Learning, AI, Deep Learning, Microsoft Azure
- Leadership, Multitasking, Problem Solving, Critical Thinking

CERTIFICATES

- **Python for Everybody** | Univ. of Michigan, Online | Jul - Aug 2022
- **Python Data Structures** | Univ. of Michigan, Online | Aug 2022
- **Retrieving, Processing & Visualizing Data** | Univ. of Michigan, Online | Dec 2022 - Jan 2023
- **Introduction to ML on AWS** | Amazon Web Services, Online | Feb - Apr 2023
- **Certified AI Professional** | DRDO | Jun 2023 - Jan 2024
- **Advanced Learning Algorithms** | Stanford, Online | Dec 2023 - Jan 2024

LANGUAGES

- English (60/100), Hindi (60/100), Telugu (100/100)

INTERESTS

- Cricket, Reading, Article Reading, New Technologies