ADUPA NITHIN SAI

✉ adupanithinsai@gmail.com 🔗 https://saiadupa.github.io/

in https://www.linkedin.com/in/nithin-sai-adupa-37b543213/

PROFILE

Aspiring professional position in a dynamic technical setting. Proficient in programming languages, data analysis, and system administration. Committed to continuous learning, innovation, and contributing to complex technical projects in a high-level tech environment.

EDUCATION

B.tech Artificial Intelligence & Machine Learning   2020 – 2024
Hyderabad Institute of Technology and Management (JNTUH)
With a CGPA of 6.80

State Board of Intermediate Education   2018 – 2020
Narayana Junior College
With a percentage of 81.8

10th (SSC)   2018
Aryabhatta Concept School
With a CGPA of 8.5

PROFESSIONAL EXPERIENCE

AI Developer   11/2023 – 05/2024
Plausibility Solution
- I have served as an AI Developer. I am responsible for developing algorithms and models for data analysis and prediction using Artificial Intelligence and Machine Learning techniques.

Devops Engineer Intern   04/2023 – 10/2023
MoxieHawk Pvt Ltd
- As a DevOps Engineer Intern, I am actively gaining hands-on experience with a range of essential tools and technologies, including Docker and Kubernetes for containerization and orchestration, Jenkins for continuous integration and continuous deployment (CI/CD).

Technical Developer Intern   11/2022 – 04/2023
One Gear Technologies
- Managed website content updates,website maintenance tasks, including regular backups, security updates, and performance optimization.
- Developed responsive and visually appealing web applications using HTML, CSS, and JavaScript, delivering user-friendly interfaces and seamless user experiences.

Developer and Test Administrator Intern   03/2022 – 02/2023
Eunoia Innovations
- Worked with Eunoia Innovations to successfully deploy a Remote-Operated Survey Boat for the Indian Maritime University (IMU), demonstrating proficiency in remote technology and maritime automation, ensuring precise data collection and enhancing maritime research capabilities.

Intern   08/2021 – 09/2021
VERZEO
- Built a Sentiment analysis program which shows the Positive and Negative reviews of the given statement.

SKILLS

| Python Full Stack | Docker | Machine learning & Deep learning | HTML & CSS | DevOps |

| Web Security Testing | Mysql | WordPress | Bootstrap | Javascript |

NOTABLE PROJECTS

AI Classifier ⊘
- AI Classifier is a Python package for text classification using transformer models. It classifies text into two categories: AI generated or human written.

NSAencrypt ⊘
- NSAencrypt is a Python package available on PyPI, offering encryption and decryption capabilities for images, videos, text, and audio files.

Hospital Management System ⊘
- Flask app with MySQL. Features user authentication, appointment scheduling, and database models for users and appointments. Configured for email. Run on Flask dev server.

TEDx site ⊘
- I've developed a TEDx HITAM website, offering a platform for innovative ideas and inspiring talks and to show case the event details.

Crop Recommendation System Using ML ⊘
- Crop ML system optimizes yield with personalized suggestions based on soil, climate, and preferences for sustainable farming.

PATENTS

An Improved Version in Artificial Intelligence and Machine Learning Algorithm to Detect the Percentages of Violence and Non-Violence from Real-Time CCTV Monitoring.

Patent Application No: 202341029626
- This advanced Artificial Intelligence and Machine Learning algorithm is designed to detect instances of violence in real-time through continuous monitoring of CCTV footage. When it identifies violent behavior, it promptly alerts the user, enhancing security and situational awareness.

PROFESSIONAL PUBLICATIONS AND ARTICLES

Data Encryption with RSA Cryptography   18/05/2024
International Conference on Computational Intelligence and Communication Networks - 2024
It explores a secure framework for data sharing using asymmetric key cryptography

NSAencrypt: A Python package ⊘   28/10/2023
pypi.org
NSAencrypt is a Python package that provides functionalities for encryption and decryption of images, video, text, and audio files.

Journal of Image Processing and Artificial Intelligence ⊘   30/09/2023
MAT Journals Pvt. Ltd.
Machine Learning Software for the Detection of Violence from CCTV Live Footage

Extention in Microsoft Visual Studio Code ⊘   29/08/2023
Microsoft
Google Scholar Extension for Microsoft Visual Studio Code

Developing a Paperless Hospital Management System. ⊘   23/05/2023
Medium

INTERESTS

| Portrait Sketching and Drawing | Tech Blogging & Article's Writing | Building Web Applications |