

ADUPA NITHIN SAI

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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.

WordPress Website [🔗](#)

- I've developed the website theabhiverse.com, allowing my client to showcase his work. This website represents his portfolio.

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