

Eppa Sai Vardhan Reddy

Nationality: Indian Place of birth: India Gender: Male Phone: (+91) 9347302648

Email: eppasaivardhanreddy@gmail.com

Home: Hyderabad (India)

WORK EXPERIENCE

T-SAT (Govt. of Telangana) – Hyderabad, India

City: Hyderabad | Country: India

AI Intern | Aug 2023–Apr 2024

[08/2023 – 04/2024]

- Developed an AI powered research assistant for the Telangana State Government, Improving operational efficiency by 20%.
- Collaborated with a team to design and deploy deep learning projects, including a chatbot used by 1000+ users.
- Utilized Keras and Tensorflow to optimize neural networks for image recognition, achieving 95% accuracy. Presented project findings, enhancing transparency and decision-making by 15%.

Prodigy Infotech – Hyderabad, India

City: Hyderabad | Country: India

Data Science Intern

[05/2024 – 07/2024]

- Automated Automated ETL pipelines with Python/SQL, reducing processing time by 30%.
- Conducted EDA to improve data-driven decisions by 15%.

Edunet Foundation – Hyderabad, India

City: Hyderabad | Country: India

Data Analytics Intern

[07/2024 – 09/2024]

- Automated data analysis with Scikit-learn, reducing manual work by 30%.
- Analyzed large datasets, improving decision-making by 15%.

MarkovML – Bangalore, India

City: Bangalore | Country: India

Project Trainee (AI/ML)

[03/2025 – Current]

- Building an AI-driven platform that delivers personalized financial advice based on user profiles, spending habits, and investment goals. The system leverages machine learning for predictive analytics and recommendation engines to optimize financial decision-making.

EDUCATION AND TRAINING

Bachelor Of Technology in CSE - Data Science

Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology [

09/11/2021 – 21/05/2025]

City: Hyderabad | Country: India | Final grade: 8.32 CGPA | Level in EQF: EQF level 6 | Thesis: Enhancing Autism Detection Through Multi-Algorithm Fusion in ML

Intermediate

Narayana IIT Academy [06/06/2019 – 30/03/2021]

Country: India | Final grade: 9.64 CGPA | Level in EQF: EQF level 5

SSC

Narayana Olympiad High School

Country: India | Final grade: 9.7 CGPA | Level in EQF: EQF level 4

PUBLICATIONS

[2024]

Enhancing Autism Detection through a Multi-Fusion Algorithm

Journal Name: International Conference on Expert Clouds and Applications (ICOECA). | Publisher: IEEE

[2025]

Real-Time Prediction of Cardiovascular Disease Using Hybrid Models

Journal Name: International Research Journal of Modernization in Engineering, Technology, and Science.

PROJECTS

Enhancing Autism Detection via Multi-Algorithm Fusion | Python, TensorFlow

- Improved diagnostic accuracy by 15–20% using behavioral/genetic data fusion.
- Reduced detection time by 30%, published at ICOECA 2024.

Real-Time Cardiovascular Disease Prediction | Hybrid ML Models

- Achieved 94% accuracy using Logistic Regression, Random Forest, and Gradient Boosting.
- Developed a web app for early diagnosis, published in IRJMETS (2025).

AI-Powered Research Assistant | NLP, Web Scraping

- Developed an AI assistant for efficient research by automating web scraping, PDF parsing, and NLP-based summarization. Improved research speed by 40% and accuracy by 25%, enhancing user satisfaction by 30%. The system adapts through continuous learning from user feedback.

Intelligent Crop Recommendation System | Python, Scikit-learn

- Built ML models (92% accuracy) to recommend crops based on soil NPK/pH levels.
- Created a web interface improving farmers' decision-making efficiency by 30%.

Stress Level Analysis Using Tweets | NLP, Sentiment Analysis

- Analyzed real-time tweets to gauge stress levels via NLP, identifying keywords and patterns.
- Developed a tool for early mental health detection by monitoring social media indicators.

HONOURS AND AWARDS

NASA Ames Space Settlement Contest

- **World 2nd Prize**, 2018: For *ASTITV* project (innovative space habitat design).
- **Honorable Mention**, 2017: For *Ganymede* project (conceptual design excellence).

Turing Hut Competitions

- **1st Place, CODENOX 2.0**, 2024: Team Code Commandos (coding/innovation challenge).
- **1st Place, Logo Design**, 2024: Recognized for creativity and design skills.

VOLUNTEERING

Training Program Mentor

- Trained 100+ students across EEE, EIE, ME, and ECE departments in Python programming and data structures.

Head of Documentation | Street Cause India

- Led a team to create official reports, proposals, and event summaries for one of India's largest student-run NGOs.

PROFILE SUMMARY

Adaptable and results-oriented Data Science and AI professional with experience in machine learning, NLP, and predictive modeling. Skilled in problem-solving and delivering data-driven solutions aligned with business goals. Recognized for innovation as a NASA Space Settlement Awardee, with a strong commitment to driving growth through impactful research and insights.

TECHNICAL SKILLS

Languages

- Python, SQL, R, C++, Java, HTML/CSS

ML/NLP

- TensorFlow, Keras, Scikit-learn, Pandas, Numpy, DialogFlow, Sentiment Analysis

Tools

- Power BI, Tableau, Spark, Figma, MS Excel

Certifications

- Python Full Stack Developer (Gavi)
- Springboard Certified Web Developer - Mastered front-end & back-end tech through hands-on projects; focused on responsive design and UX.
- Data Structures & Algorithms in Python (Abdul Bari)
- Data Analytics with Python (NPTEL)
- IBM Cloud Computing Designer
- Linear Programming for ML/Data Science (Udemy)

LANGUAGE SKILLS

Mother tongue(s): Telugu

Other language(s): IELTS(ENGLISH) - 7.5 LISTENING-8, READING-7, WRITING-8, SPEAKING-6.5 | GRE-330, VERBAL-162, QUANTITATIVE-165, AWA-3