

Sri Manasa Varma Samanuri

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EDUCATION

| Degree | Institute | CGPA/Percentage | Year |
|--------------------------|--|-----------------|-----------|
| B.Tech CSE-AIML | Malla Reddy University -Telangana | 8.92(current) | 2022-2026 |
| 12 th (TSBIE) | Narayana Junior College - Telangana | 91.1% | 2022 |
| 10 th (CBSE) | Matrusri D.A.V Public School - Telangana | 77.8% | 2020 |


EXPERIENCE

- **Viswam.AI**
AI Developer Intern


Jun 2025 – Present
Remote

- Selected for a prestigious national internship focused on developing Telugu LLMs, contributing to AI models preserving regional languages and culture.
 - Undergoing hands-on training in Natural Language Processing (NLP) and foundational AI development, collaborating with domain experts on real-world projects.
- **Code Clause**
Data Science Intern

Jun 2025 – Present
Remote

- Applied data preprocessing, EDA, and machine learning techniques using Pandas, NumPy, and Scikit-learn on real-world datasets.
 - Built and evaluated classification and clustering models, presenting insights through visualizations with Matplotlib and Seaborn
- **EY GDS AICTE** 


Feb 2025 – Mar 2025
Remote

- Developed and deployed full-stack applications using MERN stack (MongoDB, Express.js, React.js, Node.js) to enhance user experience and system performance.
 - Optimized backend APIs and integrated front-end features, resulting in a 25% improvement in web application speed.
- **AICTE Eduskill** 


Jul 2024 – Sept 2024
Remote

- Designed and optimized Android applications using Jetpack Compose, Retrofit, and Room Database.
 - Conducted performance tuning, debugging, and ensured compliance with best coding practices.


PROJECTS

- **Brain Tumor Detection** | *TensorFlow, Keras, Python* 

Jul 2024 - Nov 2024

- Developed a Convolutional Neural Network (CNN) to classify brain MRI images into tumor and non-tumor categories.
 - Applied image preprocessing techniques and trained model achieving high validation accuracy.
 - Demonstrated real-world application of deep learning in medical imaging.
- **AI Based Resume Builder** | *Flask, Python, NLP, HTML/CSS* 

Jan 2025 - Mar 2025

- Built a web-based tool that generates structured resumes using user input and AI-based formatting rules.
 - Used Flask to manage backend logic and integrated basic NLP for section suggestions.
 - Designed a responsive frontend interface for user-friendly input and PDF download support.
- **Text-to-Image Generator using DALL·E** | *Python, Flask, OpenAI API* 

Mar 2024 - Jun 2024

- Created a Flask-based app that generates images from text prompts using OpenAI's DALL·E API.
 - Handled API integration, input validation, and dynamic image rendering with minimal latency.
 - Demonstrated prompt engineering and Generative AI application in real-time interfaces.

TECHNICAL SKILLS

- Frontend Development:** HTML, CSS, JavaScript, React.js
- Backend Development:** Flask, Node.js, Express.js
- Databases & Version Control:** MySQL, MongoDB, Git, GitHub
- Programming Languages & Cloud:** Python(DSA), Java(DSA), AWS
- AI, Machine Learning & Deep Learning:** AI, ML, DL, NLP
- Data Analytics:** Data Analytics (Python, Pandas, NumPy, Matplotlib, Seaborn, Power BI)

ACHIEVEMENTS

- Winner, Google Developer Group's Gen AI Study Jams
- Finalist, Innovation & Entrepreneurship Summit
- Presented AI-driven project at National-Level Project Expo
- Contributed to Google Developer Groups, sharing AI, cloud, and web solutions and engaged 100+ participants in workshops and hackathons.
- Completed Deep Learning and Java Programming certifications from NPTEL, conducted by IIT Madras and IIT Kharagpur
- Led 5+ workshops as an MLSA, engaging 50+ participants in Microsoft technologies.
- Earned 60+ Microsoft Learn Badges, showcasing continuous learning and skill development.
- Selected for a prestigious national-level AI internship focused on NLP and real-world AI applications.
- Served as Student Coordinator for various technical events, workshops, and departmental activities.
- Earned 15+ skill badges on Google Cloud Skills Boost, demonstrating hands-on expertise in cloud computing, AI/ML, and DevOps tools.