Sri Manasa Varma Samanuri

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EDUCATION

Degree	Institute	CGPA/Percentage	Year
B.Tech CSE-AIML	Malla Reddy University -Telangana	8.98(current)	2022–2026
12th (TSBIE)	Narayana Junior College - Telangana	91.1%	2022
10th (CBSE)	Matrusri D.A.V Public School - Telangana	77.8%	2020

EXPERIENCE

- **Viswam.AI** — *Jun 2025 – Present*
  AI Developer Intern — 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** — *Jun 2025 – Jul 2025*
  Data Science Intern — 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*
  Full Stack Developer Intern — 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*
  Android Developer Intern — 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.
- Appointed Tech Lead for driving high-impact AI solutions in low-resource Telugu language modeling.