Pranitha Gujja

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EDUCATION

SR University 2023 – 2027
B.Tech in Computer Science (AIML)
GPA: 8.4
Relevant Coursework: Data Structures and Algorithms, Operating Systems, DBMS, Machine Learning, Generative AI, Competitive Programming, High Performance Computing, Undergraduate Research in Computer Science, AI Assistant Coding

Sri Shivani Junior College 2021 – 2023
Intermediate (MPC)
Percentage: 98%

SKILLS

– **Programming Languages:** Python, C, Java, SQL

– **Machine Learning & AI:** Scikit-learn, TensorFlow, Keras, OpenCV, NLP

– **Data Science Tools:** Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook

– **Web Development:** HTML, CSS, JavaScript

– **Cloud:** AWS

– **Database Technologies:** MySQL

– **Tools & Platforms:** Git, GitHub, VS Code, Google Colab, Linux

– **Soft Skills:** Problem Solving, Communication, Teamwork, Critical Thinking

PROJECTS

Brain Tumor Detection using CNN *Gen AI*
– Developed a Convolutional Neural Network (CNN) to classify brain MRI scans as tumor or non-tumor.

– Used a dataset of 3,000+ labeled MRI images; applied preprocessing and augmentation techniques.

– Achieved 94.6% validation accuracy using transfer learning with the VGG16 model.

– Implemented dropout regularization to reduce overfitting and improve generalization.

– Deployed the model via Streamlit for interactive web-based predictions.

– **Tech Stack:** Python, TensorFlow, Keras, NumPy, OpenCV

EXPERIENCE

AICTE – EduSkills Virtual Internship *Oct 2024 – Dec 2024*
AI–ML Intern
– Completed a 10-week virtual internship in Artificial Intelligence and Machine Learning under the guidance of industry experts.

– Gained hands-on experience in machine learning model development, data preprocessing, and practical implementation using Python.

– Participated in structured learning modules supported by the Google for Developers – India Edu Program.

– Strengthened understanding of AI/ML workflows, tools, and best practices in a real-world virtual learning environment.

CERTIFICATIONS

– **Cloud Developing** – AWS Academy 2025

– **Data Analytics Essentials** – Cisco Networking Academy 2024

– **Introduction to AI** – Infosys Springboard 2024

– **Python for Beginners** – Great Learning 2024

– **Computer Communications and Networks** – Saylor.org 2024