

Manikanta Gangam

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🌐 github.com/manikantagangam 🌐 linkedin.com/in/manikantagangam 🌐 leetcode.com/u/manikantagangam/

🎓 EDUCATION

Bennett University Aug 2021 – present
Bachelor of Technology, Computer Science & Engineering CGPA: 9.42
• **Organizations:** Bennett Artificial Intelligence Society
• **Relevant Coursework:** Object Oriented Programming, Data Structures, Algorithms, Complexity Analysis, Database Management Systems, Operating Systems, Software Engineering, Computer Networks, Artificial Intelligence & Machine Learning, Natural Language Processing

📁 PROJECTS

Tomato Leaf Disease Prediction Apr 2024 – Apr 2024
Skills: TensorFlow/Keras, Deep Learning, Streamlit
• Developed and deployed a Convolutional Neural Network (CNN) using TensorFlow to classify tomato leaf diseases with over 97% validation accuracy. The model was deployed using Streamlit for interactive web-based predictions.

Sudoku Solver Mar 2024 – Mar 2024
Skills: Backtracking Algorithm
• Developed a web application for solving Sudoku puzzles in real-time. Implemented a backtracking algorithm for puzzle validation and user interaction.

Hand Gesture Volume Control Jan 2023 – Mar 2023
Skills: Python, OpenCV, Mediapipe
• Developed a gesture-controlled volume application using Python, OpenCV, and Mediapipe, which tracked hand landmarks for adjusting system volume based on detected gestures.

Cricket Match Win Predictor Nov 2022 – Nov 2022
Skills: Logistic Regression, Streamlit
• Developed an Interactive web application using Streamlit library that allows users to enter match data and get prediction results

Hotel Management System Apr 2022 – Jun 2022
Skills: Object Oriented Programming
• Designed and implemented user-friendly interfaces for multiple hotel management tasks, including customer check-ins, check-outs, Updating the room details.

🧩 TECHNICAL SKILLS

Programming Languages: Python, C++, Java

Test Automation: Selenium, PyTest, JUnit, Postman

Data Science & Machine Learning: NumPy, Pandas, scikit-learn, matplotlib, OpenCV, TensorFlow, PyTorch, Excel

Web Development: HTML, CSS, Flask, Django, SQL, Git

Tools & Technologies: Debugging, GitHub, VS Code, CI/CD

📁 EXPERIENCE

Data Science Trainee Intern May 2024 – Jul 2024
Celebal Technologies
• Developed proficiency in Python programming and data science techniques, gaining hands-on experience in statistical analysis, feature engineering, and clustering methodologies.

📖 PUBLICATIONS

Explainable AI for Chest Diagnosis Prediction
• Authored and led the research paper titled "Explainable AI for Chest Diagnosis Prediction," accepted at the Second IEEE International Conference on Emerging Trends in Information Technology and Engineering (ic-ETITE'24).

🏆 ACHIEVEMENTS

• Successfully implemented a Sentiment Analysis solution for Smart India Hackathon 2023, leading a team and coordinating development efforts.

📜 CERTIFICATIONS

ServiceNow Certified System Administrator | ServiceNow Certified Application Developer | AWS Academy Machine Learning Foundation | Git Essential Training: The Basics (2019) | HTML, CSS, and JavaScript for Web Developers | Natural Language Processing with Classification and Vector Spaces | Design Patterns