

BANDI SUSHMITHA

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OBJECTIVE

Motivated Computer Science Engineering student specializing in Artificial Intelligence and Machine Learning. Seeking opportunities to apply my technical skills, creativity, and enthusiasm to real-world challenges. Eager to collaborate and contribute to innovative solutions in technology while continually learning and growing in a professional setting

EDUCATION

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| Malla Reddy University, B.Tech in Computer Science Engineering (AI ML) | CGPA:8.85 2022-2026 |
| Narayana Junior College, Intermediate SSC Board of Education, MPC | CGPA:9.74 2020-2022 |
| St Ann's Grammar High School, Secondary Education | CGPA:10 2019-2020 |

SKILLS

- Programming Languages:** Python (Beginner),Java(Beginner)
- Databases::** MySQL, MongoDB
- WebTechnologies:** HTML,CSS
- Frameworks/Technologies:** Streamlit,Power BI, Git, VS Code
- AIML:** Deep learning ,NLP
- soft skills:** Problem-solving analytical thinking, Communication teamwork, Time management prioritization,Quick learning adaptability

EXPERIENCE

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| AI Research Intern Coding Jr | February 2025 – April 2025 |
| Full Stack Web Development Intern Blend Vidya EdTech | February 2025 – May 2025 |
| AI in Python Intern training Cointcent Technologies EdTech | June 2024 – August 2024 |

• Developed an AI Copilot prototype using LLM APIs to assist with real-time code suggestions and query resolution.

• Achieved 30% improvement in task automation by integrating advanced ML models with natural language understanding. NLP techniques and fine-tuned LLM outputs using Python and OpenAI/Gemini APIs for domain-specific tasks.

• Built and optimized full-stack web components using React.js, Node.js, and MongoDB.

• Led front-end redesign, improving user engagement by 40% and reducing page load time by 20%.

• Integrated REST APIs and implemented responsive UI elements for dynamic user interactions.

• Applied classification models to real-world problems using Python, achieving improved prediction accuracy on sample datasets.

• Built and tested supervised ML models using libraries like scikit-learn and pandas.

• Developed end-to-end model workflows, including data preprocessing, model training, and evaluation.

- Implemented basic ML algorithms (KNN, Decision Trees, SVM) on structured datasets for classification tasks. On model development using live datasets, improving data-driven decision-making.
- Gained hands-on experience in data cleaning, feature engineering, and model validation using Python.

PROJECTS

Farming Assistant Web Services (FAWS) Launched an online marketplace connecting farmers directly with customers; expanded market access for more than 300 producers while streamlining sales processes through user-friendly web technologies supporting seamless transactions every month **Skills Used:** HTML, CSS, JavaScript

Flappy Bird Game Flappy Bird Game: Interactive Web-Based Gaming Experience Developed a web-based Flappy Bird game with score tracking, game-over detection, and restart functionality. Designed a responsive UI to ensure intuitive game play. **Skills Used:** HTML, CSS, JavaScript, DOM manipulation, event handling, responsive design.

Movie Rating Prediction System Developed a machine learning model to predict movie ratings using both regression algorithms and collaborative filtering techniques. Enhanced recommendation accuracy by analyzing user preferences and historical rating data. **Skills Used:** Python, Machine Learning, Regression, Pandas, Scikit-learn

Resume Screening Tool Built an NLP-based system to automatically rank and classify resumes based on job relevance. Used text vectorization, keyword extraction, and similarity scoring to streamline candidate shortlisting. **Skills Used:** Python, NLP, Text Classification, TF-IDF, Scikit-learn

Sushmithaguru – LLM-Powered Chatbot Created a personalized chatbot powered by large language models to respond to general user queries in a conversational manner. Integrated with APIs for real-time interaction and trained on sample dialogues for improved contextual understanding. **Skills Used:** LLM, Python, HuggingFace Transformers, OpenAI API, Chatbot Development

CERTIFICATIONS

- Successfully completed AI with Python training from Coincent and ML training from Teachnook. **Coursera Certifications:**
 - Introduction to Python Programming (UPenn)
 - Python Data Structures (University of Michigan)
 - Introduction to Relational Databases (IBM)
 - DeepLearning.AI

ACHIEVEMENTS

- Ranked highly in National and International Olympiads (Math, Science, English).
- Received Proficiency Awards in Mathematics, First Language, and General Science
- Certificate of Appreciation – Innovation and Entrepreneurship Summit

LEADERSHIP CO-CURRICULAR ACTIVITIES

- Event Coordinator, Sparks Intelligentia – Led a team of 10 and organized technical events Participant – Proposed innovative, real-world solutions as part of a team
- Infosys Springboard (Pragathi: Path to Future) – Gained skills in communication, tech transformation, and networking
- Workshop on Natural Language Processing Techniques – Attended NLP-focused workshop (Nov 2023)