Sri Naga Manogna Charishma M

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SUMMARY

Aspiring Software Engineer and AIML enthusiast with strong hands-on experience in Python, Machine Learning, and web development. Experienced in building end-to-end data-driven applications, developing ML models for real-world problems, and creating responsive web solutions. Proficient in Python, React, MongoDB, and data analysis, with strong problem-solving, adaptability, and debugging skills.

EDUCATION

B.Tech, Computer Science   **Oct 2022 - May 2026**
NRI Institute of Technology, Vijayawada
With specialization AI & ML

SKILLS

Programming Languages: Java, Python, Java Script
Frameworks/Library: Langchain, Fastapi, Nodejs, tensorflow, Scikit-learn, Pandas, Numpy, PySpark
Tools & Technologies: MongoDB, Git, GitHub, MS Office suite
Soft Skills: Creative Thinking, Adaptability, Team Collaboration, Communication, Content writing.

PROFESSIONAL EXPERIENCE

AI & ML Intern — Dexterity (APSSDC & Edunet)   **Dec 2024 – Feb 2025**

- Processed and analyzed large-scale customer data (10,000+ records), strengthening end-to-end ML pipeline understanding including data cleaning, feature engineering, and model evaluation.
- Reduced model training time by 30% by optimizing feature selection and feature engineering strategies.

AI Intern — TechSaksham (Microsoft & SAP)   **Dec 2024 – Jan 2025**

- Gained exposure to ethical AI, responsible model development, and real-world deployment practices.
- Collaborated with mentors from Edunet Foundation under the AICTE CSR initiative.

ACADEMIC PROJECTS

Churn Prediction Model — PySpark / Jupyter Notebook
Customer churn model analyzing service retention patterns.

- Performed exploratory data analysis and feature engineering on churn dataset.
- Trained predictive models using PySpark MLlib to identify high-risk churn users.
- Evaluated model performance using accuracy and ROC-AUC metrics.

Sentiment Analysis Notebook — Jupyter Python
Text sentiment classifier for social media / customer feedback.

- Built end-to-end NLP workflow (tokenization, stop-words removal, vectorization).
- Tested multiple ML algorithms to classify positive, neutral, and negative sentiments.
- Visualized results to compare algorithm performance.

GenAI Youth Mental Wellness Assistant — JavaScript
AI-powered mental wellness support web companion.

- Developed frontend logic to enable empathetic conversational interactions.
- Integrated multi-agent GenAI components to provide personalized guidance and responses.
- Enhanced user experience with real-time feedback and supportive messaging.

CERTIFICATIONS/ACHIEVEMENTS

- Infosys Pragati Program — Project-based Learning, Oct 2024 – Dec 2024.
- Writer in Medium Platform since June 2025, @CharishmaM.
- The Art Of Storytelling — IESE Business School, Nov 2025.