


GOLI ASRIT VARDHAN

Machine Learning Engineer

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India Hyderabad

Linkedin


Github

Portfolio

Profile

Machine Learning Engineer with experience in NLP, anomaly detection, and predictive modeling. Skilled in Python, TensorFlow, Flask, and MLOps, with a focus on deploying scalable AI solutions.


Professional Experience

06/2024 – 01/2025 Toronto, Canada	WordPress Developer <i>Alphause</i>  <ul style="list-style-type: none">Maintained and customized WordPress websites, focusing on responsive design and achieving a 20% improvement in performance.Optimized internal operations by streamlining Excel-based data organization and reporting, reducing manual workload by 30%Contributed to prompt engineering for AI tools, enhancing automation workflows and boosting content generation efficiency by 30%.
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Education

11/2022 – 11/2026 Hyderabad, India	B.TECH 8.75 GPA <i>MLR Institute of Technology</i> Major: Computer Science and Engineering in Artificial Intelligence and Machine Learning.
05/2020 – 05/2022 Korutla, India	Intermediate 97.7% <i>TSRJC Peddapur, Korutla</i>
2020 Karimnagar, India	SSC 10 GPA <i>Siddhartha High School</i>

Projects

- Network Monitoring System using ML and NLP (Present)**
- Building an AI-powered network monitoring tool for traffic analysis and real-time threat detection.
 - Integrated NLP models (BART, T5) to generate intelligent alerts and used Isolation Forest for anomaly detection in TCP/IP traffic logs.
 - Stack:** React, Python, Flask, SQLite, Scikit-learn, Hugging Face
- Web Based Healthcare Chatbot** 
- A healthcare chatbot that provides basic solutions for medical concerns by suggesting the best diet and exercises.
 - Tech Stack:** HTML, CSS, JavaScript, Python

Certificates

- Data Analytics**
- Earned the Cisco Data Analytics Engineer Certificate (May 2024).
 - Skilled in data processing, visualization, and statistical analysis.
- Google Cloud Computing Foundations(NPTEL)**
- Completed hands-on training in GCP infrastructure, app development, big data, and ML tools.

Skills

Languages: Python, Java.
Frameworks/Tools: Flask, React, Git,MongoDB, Express.js
ML/NLP: Scikit-Learn, TensorFlow, PyTorch, Hugging Face (T5, BART), Isolation Forest
Data Handling: Pandas, NumPy, SQL
Cloud: GCP, App Engine, Compute Engine

Extra Curriculars

- Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage - April 2025**
- Created data visualizations for Tata Consultancy Services.
 - Prepared key questions for a client meeting.
 - Developed visuals for data analysis to support decision-making.
- Accenture UK Developer and Technology Virtual Experience Programme on Forage - April 2025**
- Gained experience in SDLC and DevOps trends.
 - Designed a custom algorithm with pseudocode and a flow diagram.
 - Compared Agile vs. Waterfall methodologies and debugged Python code.

Personality

- Strong Time Management & Task Prioritization
- Passion for Continuous Learning & Problem-Solving