Vyas Arjun Gudlavalleti

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LinkedIn | GitHub

EDUCATION

VIT Bhopal University — *Bhopal, India*
B.Tech in Computer Science (AI & ML) — *CGPA: 8.29/10*

TECHNICAL SKILLS

Programming Languages: Python, Java, HTML, CSS, Streamlit
AI and ML: Pandas, Scikit Learn, LangChain, BERT
Tools & Frameworks: PowerBI, Git, Github

PROJECTS

AI-Powered Research Insights Agent | LangChain, Gemini 1.5, Python
- Built a fully modular, LLM-powered agent using LangChain and Gemini 1.5 to autonomously answer user queries based on uploaded documents and dynamic search.
- Automated extraction of key information, enabling real-time summarization, topic identification, and contextual understanding from diverse inputs.
- Integrated Wikipedia API, DuckDuckGo search, and custom file-saving tools to gather, validate, and export structured insights across multiple sources.
- Designed the agent with extensible tool-calling logic and schema validation (via Pydantic), ensuring output consistency, reusability, and deployment readiness.

Mental Health Text Classification App | Streamlit, BERT, Python
- Developed a web-based application using Streamlit to classify mental health-related text inputs using a BERT-based NLP model.
- Enabled users to receive immediate, context-aware feedback on their input, aiding in early identification of mental health concerns.
- Integrated features like interactive confidence sliders, input validation, and accessibility enhancements (ARIA labels, keyboard navigation).
- Provided a private, fast, and accessible AI-driven assessment tool bridging the gap between users and insights.

ACHIEVEMENTS

- Selected among the top 40 teams out of 200+ entries at the Prod-E-G Hackathon 2023, organized by DSEU University, Guna, for developing the NurtureWise Agro Project.
- Participated in Hackstasy '24 organized by SRM University Delhi by creating a Traffic Optimization System.
- Participated in GViswanathan 50-Day Challenge and completed 100 LeetCode problems.

EXTRA CURRICULAR

Public Relations Head, Android Club, VIT Bhopal
- Led community outreach and managed promotions for 10+ campus-wide tech events, boosting engagement.
- Engaged in AI learning initiatives and volunteered for social causes supporting orphanages and elderly care.

CERTIFICATIONS

Oracle Data Science Professional – 2025

IBM Generative AI Using Watsonx.ai – 2025

AI & ChatGPT Masterclass (Be10x) – 2024