Thota Yashwanth

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🌐 Portfolio

Bio

Final-year Computer Science student with a strong foundation in software engineering and problem-solving. Experienced in building real-world projects and passionate about applying AI/ML to develop scalable, innovative solutions.

Education

Alliance University   Karnataka, India
Bachelor of Technology in Computer Science, Minor in Artificial Intelligence   *September 2022 – May 2026*

Technical Skills

Artificial Intelligence (AI) | Data Structures and Algorithms | Front-end Development | GitHub | Java | Machine Learning (ML) | MySQL | Object-Oriented Programming (OOP) | Problem Solving | Python | SDLC and Agile Methodologies | Time Management | Critical Thinking

Experience

AI Intern   April 2025 – May 2025
Edunet Foundation   *Remote*
- Gained practical experience in developing deep learning models for image classification using CNN.
- Worked on a wildfire detection project, focusing on image preprocessing, model training, and deployment.

Certifications

CertNexus Certified Artificial Intelligence Practitioner	View Credentials
Microsoft Certified: Azure AI Fundamentals(Microsoft)	View Credentials
Machine Learning with Python(IBM)	View Credentials
DevOps, DataOps, MLOps	View Credentials
Introduction to Agile Development and Scrum	View Credentials
Generative AI with Large Language Models	View Credentials
Data, Security, and Privacy	View Credentials

Projects

AI Resume Analyzer | *Node.js, Express, Supabase, Google Gemini AI, Render*   ⬛ GitHub | Demo
- Engineered a full-stack AI-powered web app to analyze resumes against job descriptions, highlighting missing and matching keywords.
- Calculated relevance scores and provided actionable suggestions, enabling candidates to optimize resumes for higher ATS shortlisting rates and integrated Node.js backend, Supabase database, and Render hosting.

AskMyFile | *Python, Streamlit, FAISS, Hugging Face, Google Gemini API*   ⬛ GitHub | Demo
- Developed a file-based RAG chatbot using Streamlit, enabling users to upload PDF, Word, Excel, CSV, PPT, JSON, and TXT files and interactively query their content.
- Implemented semantic search with FAISS and Hugging Face embeddings, integrated Google Gemini LLM to provide accurate, context-aware answers with relevant source references, improving document comprehension.

Data Visualization Assistant | *Python, LLaMA, Seaborn, Matplotlib, Streamlit*   ⬛ GitHub
- Built a natural language-driven data visualization tool using a locally hosted LLM to generate Python plots with Matplotlib and Seaborn.
- Enabled non-technical users to create visualizations through a Streamlit interface without writing code.

Awards and Honors

- Finalist Proglint's Computer Vision 2K23 National Hackathon
- Participated in Flipkart Grid 5.0