VISHUL

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https://github.com/vishul18

SUMMARY

Detail-oriented and innovative Generative AI Developer with a foundational background in computer science and a passion for advancing AI technologies. Skilled in Python, C++, and C, with hands-on experience in systems engineering and various Generative AI projects. Committed to developing cutting-edge solutions that optimize processes and enhance user experience.

PROJECTS

AI-Powered Brochure Generator Role   Jan 2025 - May 2025

- Developed an intelligent solution for scraping and navigating company websites to generate brochures autonomously.
- Utilized Python for backend functionalities and designed interfaces for ease of navigation
- Github - https://github.com/vishul18/Brochure-generator

Python Code Optimizer Role   Jan 2025 - May 2025

- Created an AI model that converts Python code into optimized C++ code, achieving a remarkable performance boost of 60,000x.
- This project emphasized my ability to integrate AI with code optimization techniques.
- Github- https://github.com/vishul18/Code-optimizer

AI Knowledge Worker Role   Jan 2025 - May 2025

- Developed an AI application using Retrieval-Augmented Generation (RAG) to serve as an expert advisor on company-related queries.
- This initiative streamlines communication and enhances information accessibility.
- Github- https://github.com/vishul18/AI-knowledge-worker

Multi-Modal Customer Support Agent Role

- Engineered a customer support agent tailored for airline inquiries, integrating UI elements and function-calling capabilities
- Enhanced user interaction by employing state-of-the art Natural Language Processing techniques.
- Github- https://github.com/vishul18/customer-support-role

EDUCATION

- Bachelor of Technology in Computer Science ,Indraprastha Institute of Information Technology, Delhi (IIIT Delhi)Relevant Coursework: Machine Learning, Artificial Intelligence, Computer Architecture, Systems Programming

COURSES

- LLM Engineering: Master AI, Large Language Models & Agents (Online Course, Udemy)
- Machine Learning (Online Course, Udemy)

SKILLS

- **Programming Languages:** Python, C++, C
- **AI & Machine Learning:** Generative AI, Model Fine tuning, Data Analysis
- **Software Development:** Systems Engineering, Application Development
- **Project Management:** Agile Methodologies, Collaborative Development
- **Tools & Technologies:** TensorFlow, PyTorch, Git, Jupyter Notebooks