Vishisht Mishra

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Portfolio | github.com/Vishisht16 | linkedin.com/in/vishisht-mishra

EDUCATION

Central University of Haryana   Mahendragarh, HR
Bachelor of Technology in Computer Science and Engineering   *Aug. 2023 – July 2027*
CGPA: 7.71/10

EXPERIENCE

Azure Cloud Engineer   May 2025 – June 2025
Luxury In Taste   *Remote*
- Managed complete Azure-based infrastructure for the company website, leveraging services like Azure Active Directory, Cosmos DB, and Communication Services to ensure secure, scalable, and efficient operations
- Built and maintained CI/CD pipelines using GitHub Actions for a high-traffic e-commerce website, enabling seamless, automated deployment and minimizing downtime during frequent updates
- Developed an end-to-end AI solution using Azure AI Vision and Azure OpenAI Services, adding an intelligent image analysis based website functionality

Artificial Intelligence Intern   Feb. 2025 – Apr. 2025
Planto AI   *Remote*
- Worked on building a personalized copilot for developers at client companies
- Integrated UI design, software development and AI to create a production level LLM integrated with developer environments

Artificial Intelligence Trainer (Freelance)   Sep. 2024 – Jan. 2025
Outlier   *Remote*
- Worked under a subsidiary of Scale AI, using prompt engineering techniques to significantly improve performance on various LLMs
- The projects were RLHF-based, focusing on math, science, linguistic and programming tasks

Open Source Contributor   Sep. 2024 – Nov. 2024
GirlScript   *Remote*
- Worked on ML-based open-source projects, contributing to public repositories in a competitive environment
- Created deep learning models for autocorrect, speech emotion recognition, text-to-music generator app and more

PROJECTS

DocBud | *Python, Flask, Google Cloud Platform, Docker*   Mar. 2025 – Present
- Developing a full-stack web app to help researchers extract information and answer queries from research papers
- Building an AI model by integrating open-source models like DONUT for OCR and BigBird-Pegasus for summarization, etc.
- Fine-tuning the model to process research papers with a 4,096-token context window, using the Sliding Window technique for long papers

RESEARCH WORK

Tribal Languages   Feb. 2025 – Present
- Taking on an initiative to bring the lesser-known languages of India into mainstream AI, ensuring these languages are preserved and accessible
- The project involves end-to-end work including data collection, preprocessing, model training with custom algorithms, and deployment to create tools for various purposes
- Collaborating with linguists, this project aims to integrate the underrepresented languages into AI systems and establish a benchmark for any such future endeavors

TECHNICAL SKILLS

Languages: Python, C, C++, SQL, JavaScript
Frameworks: PyTorch, TensorFlow, Hugging Face, LangChain, Flask
Developer Tools: Git, Docker, Google Cloud Platform, Microsoft Azure, VS Code, Visual Studio
Libraries: pandas, NumPy, Matplotlib, scikit-learn, NLTK, spaCy, OpenCV