SONALI BHANUDAS MALI

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EDUCATION

D.Y Patil College of Engineering & Technology *Kolhapur, Maharashtra*
B. Tech CSE (AIML) *2022 - Present*
2nd Year CGPA – 9.08/10.0

EXPERIENCE

Artificial Intelligence Virtual Internship *July 2024 – August 2024*
CSRBOX & IBM SkillsBuild *Online*
- Acquired advanced knowledge in AI and Generative AI through live masterclasses and completed two specialized learning paths on AI and Emerging Technologies.
- Developed a frontend travel planner website with HTML, CSS, and JavaScript; integrated IBM watsonx powered chatbot Musaviaa for dynamic real-time support and automated booking processes.
- Optimized user experience by implementing intuitive interfaces and enhancing customer engagement with seamless chatbot interactions for efficient tour package reservations.

PROJECTS

Frontend Website & AI Travel Assistant – WE MUSAFIR with Musaviaa *July 2024 – August 2024*
Tech Stack - *HTML, CSS, JavaScript, IBM watsonx*
Project Link – Website
- Designed and developed an interactive travel planner website using HTML, CSS, JavaScript and integrated an IBM watsonx-powered chatbot, Musaviaa, to provide real-time support and streamline the booking process.
- Provided a seamless user experience that facilitated efficient tour package reservations and significantly boosted customer engagement.

Model Fine-Tuning Using Llama 2 (Course Project) *May 2024 – June 2024*
Tech Stack - *Python, Llama 2, AWS SageMaker, NLP*
Project Link - GitHub
- Developed and trained a domain expert model for IT using advanced NLP techniques and Llama 2, to generate informative and contextually relevant text responses.
- Deployed the model on AWS SageMaker to ensure scalability and seamless integration, enhancing efficiency in troubleshooting and knowledge retrieval.

SOKSHA Chatbot Development using Gemini-Pro LLM *May 2024 – June 2024*
Tech Stack - *Python, Gemini 1.0 Pro, Streamlit*
Project Link - Streamlit App
- Built an advanced Chatbot in Python on Streamlit using Google's Gemini 1.5 Pro LLM, delivering accurate and contextually relevant conversational experiences.
- Provided improved user interactions with natural, flowing and informative conversations enabled by the advanced language processing of Gemini Pro LLM.

SKILLS SUMMARY

- **Programming Languages** HTML, CSS, JavaScript, Python, SQL
- **Framework** NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Streamlit
- **Tools/Platforms** GitHub, Git, GCP, AWS, Vertex AI, Tableau, MySQL, IBM watsonx, Microsoft Office, VS Code, Jupyter Notebook, Google Colab, Anaconda

CERTIFICATIONS

- Artificial Intelligence Fundamentals | **IBM SkillsBuild**
- Introducing Generative AI with AWS | **Udacity**
- Machine Learning Foundations Course | **AWS Academy**
- Generative AI Learning Path | **Google Cloud Skills Boost**
- Google Cloud Computing Foundations | **GCSJ**
- Artificial Intelligence Primer Certification | **Infosys Springboard**

ACHIEVEMENTS

- **2nd Runner-Up** in the National Level Paper Presentation Competition at IMPETUS, SIT Yadrav, and **3rd Place** in the TechX Presentation Competition hosted by the Mechanical Department, DYPCET.
- **Ranked 95th** in the GFGxGCP Bootcamp, showcasing proficiency in Google Cloud Platform technologies and earning swags.
- Presented a **review paper** at the prestigious 7th IEEE International Conference, PuneCon 2024.