ANIL KUMAR PEESA

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EDUCATION

Vardhaman College of Engineering   **Hyderabad, TS**

B. Tech in ECE | CGPA - 9.5   *Graduation Date: Jul 2021*

TECHNICAL SKILLS

- ✓ **Programming Languages & Frameworks**: Python, Flask, HTML, CSS
- ✓ **Tools & Technologies**: Docker, MongoDB, SQL, Postman, Pytest
- ✓ **Cloud & Machine Learning**: Microsoft Azure, Azure Functions, AWS, GCP, NumPy, Pandas, DNN, CNN, Machine Learning, Streamlit

WORK EXPERIENCE

Accenture   **Hyderabad, TS**

AI/ML Computational Science Analyst   *Dec 2022 - Present*

- ✓ Developed an application using Flask, Python, MongoDB, and Git for version control, streamlining access to 20+ models across three cloud providers, which improved user access speed by 50% and reduced manual configuration time by 40%.
- ✓ Ensured data integrity and robust code quality by implementing Pytest for unit testing with extensive code coverage and using Pydantic for request and response validation.
- ✓ Accelerated deployment by developing a preload script that automated data storage, resulting in 50% faster deployment on new cloud instances.
- ✓ Trained new joiners and conducted multiple knowledge transfer (KT) sessions as a Subject Matter Expert (SME), facilitating smooth onboarding and project execution.
- ✓ Python, Pydantic, Flask, MongoDB, LLM, Adapter Designs, AWS, GCP and Azure Cloud Providers, Docker, Pytest, Postman

Application Development Associate   *Sep 2021 - Dec 2022*

- ✓ Implemented a machine learning model for contract attribute extraction, cutting manual effort by 80% and boosting efficiency by 70%.
- ✓ Led the migration of 1000+ physical legacy contracts to a digital platform using Icertis AI technology.
- ✓ Developed a chatbot with Azure Cognitive Services, boosting issue resolution efficiency by 40% and achieving 90% accuracy in user query responses within the first month.

PROJECT EXPERIENCE

PDF Document QA - link

- ✓ Developed a PDF query system using Azure OpenAI, and Flask framework, enabling dynamic queries based on inserted PDF.
- ✓ Enhanced application functionality by adding support for querying PDFs with three models: GPT-3.5 Turbo, Text-DaVinci-001, and Text-DaVinci-002.
- ✓ Utilized Streamlit as the frontend to showcase the capabilities of the backend effectively.

CERTIFICATIONS

- ✓ **Microsoft Certifications:** Azure Fundamentals, Azure Data Fundamentals, Power Platform Fundamentals, Security, Compliance, and Identity Fundamentals, Microsoft Azure Administrator Associate
- ✓ **Other Certifications:** NPTEL C Programming Certification, Python for Data Science

OTHER

Awards: ACE Award, Sparking Star Award

Interests: Playing Chess and outdoor games like Cricket

Languages: English, Hindi, Telugu