PALETI PREESHA

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CAREER OBJECTIVE

Aspiring AI Engineer with hands-on experience in Python, Generative AI, LLMs, and Machine Learning. Passionate about building intelligent, data-driven solutions, fine-tuning models, and applying AI research to real-world problems. Eager to contribute to innovative projects while continuously learning and growing in a dynamic AI/ML environment.

EDUCATION

SRM University — **Chennai, India**
Master of Computer Application in Generative AI — ***2025-2027***

Vignan University — **Guntur, India**
Bachelor of Computer Application — ***2022-2025***
CGPA : 8.4

EXPERIENCE

Turing Enterprises Inc. — **California, USA**
Position: LLM Python Engineer | Remote — ***Sep 2024 – Present***

- Spearheaded a team of 10 engineers to design and fine-tune LLMs for advanced NLP tasks.
- Implemented **RLHF** and **RLEF** pipelines to enhance model accuracy and alignment.
- Contributed to **vulnerability dataset** to train AI models on detecting and fixing code flaws.
- Created **Agent Completion** datasets featuring realistic multi-turn conversations for assistant training.
- Ensured dataset quality, consistency, and high-performance execution across AI projects

TECHNICAL SKILLS

Programming Languages: Python, Java, SQL, HTML, CSS, C#
Core CS Fundamentals: Data Structures, Algorithms, Object-Oriented Programming, Operating Systems, DBMS, REST API
AI/ML Expertise: Large Language Models (LLMs), Model Fine-Tuning & Evaluation, Prompt Engineering, RLHF, RLEF
Frameworks/Tools: Pandas, NumPy, Matplotlib, Flask, FastAPI, Git, GitHub, Google Colab, VS Code
Platforms: Unix/Linux, IOS, Windows

PROJECTS

Intelligent Excuse Generator — *AI-Powered Excuse Creation System* — ***Aug 2025***
Developed an AI-powered system that generates creative excuses with text, voice, and visuals for college, work, social, or medical situations. Integrated Hugging Face Transformers, gTTS, Gradio, and Python PIL to create a multimodal interactive web app. Implemented user-selectable tone and context to generate personalized, context-aware responses, including fake screenshots or reports. Combined NLP, text-to-speech, and image generation to deliver a fun, practical tool that demonstrates seamless integration of AI techniques into real-world applications.

Credit Card Fraud Detection — **Aug 2024**
Developed a real-time fraud detection system using advanced machine learning models. Implemented feature engineering to extract key transaction patterns and integrated a feedback loop for continuous model updates. Evaluated performance using accuracy, precision, and recall, achieving 91% detection accuracy, enhancing the reliability and efficiency of fraud detection.

CERTIFICATIONS

***Python Basic by HackerRank, Artificial Intelligence Fundamentals by IBM, Python* Essentials by Cisco,**
SQL Advanced by HackerRank, *MongoDB Python Developer Path*