ROHAN VERMA

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SKILLS

LLM & AI: OpenAI API, GPT-4, Claude, LLaMA, Prompt Engineering, Prompt Design, Prompt Optimization, RAG, Fine-tuning, LangChain

Programming: Python, JavaScript, SQL, Java, Go, API Development, REST APIs, JSON, Web Scraping, Data Processing

ML & Data: PyTorch, TensorFlow, Machine Learning, Deep Learning, Neural Networks, Transformers, Statistical Modeling, Feature Engineering

Cloud & Tools: AWS (Lambda, S3, EC2), Docker, Kubernetes, Git, Linux, CI/CD, MLOps, Model Deployment, Performance Optimization

EXPERIENCE

Senior Software Engineer | Orion Digital Systems | Hyderabad, India

Jan 2021 - Present

• Developed automated prompt optimization system using Python and OpenAI API, reducing manual prompt iteration time by 85% across 200+ AI-powered projects

• Built production-ready RAG pipeline integrating LLM APIs with vector databases, achieving 95% accuracy in context-relevant responses for enterprise knowledge systems

• Created intelligent API integration framework for LLM workflow automation, serving 50+ internal teams with 99.5% uptime and 40% faster response times

• Designed prompt engineering templates and best practices documentation, standardizing prompt design across organization and improving output quality by 60%

• Implemented real-time LLM performance monitoring system using statistical analysis, detecting prompt drift and optimizing token usage to reduce API costs by 30%

Software Engineer | Bluewave Technologies | Hyderabad, India

Mar 2018 - Dec 2020

• Built conversational AI prototypes using GPT-3 API and custom prompt templates, achieving 92% user satisfaction in automated customer support interactions

• Developed API-based data pipeline for LLM training data preprocessing, processing 10TB+ of text data with automated quality validation and anomaly detection

• Created JavaScript-based prompt testing interface for A/B testing LLM outputs, enabling rapid iteration cycles and 40% improvement in prompt effectiveness

• Designed REST API integration system for multi-modal AI applications, connecting 15+ external services with robust error handling and retry mechanisms

• Implemented automated prompt versioning and deployment system, reducing manual deployment errors by 90% and enabling seamless rollbacks

PROJECTS

Intelligent Document RAG System | Python, LangChain, OpenAI API | 2023

• Built enterprise RAG system processing 50,000+ documents, achieving 90% answer accuracy through advanced prompt engineering and retrieval optimization

Multi-LLM Prompt Optimizer | Python, Streamlit, Multiple LLM APIs | 2023

• Created automated prompt testing platform comparing GPT-4, Claude, and LLaMA outputs, reducing prompt development time by 70% for content generation tasks

EDUCATION

Bachelor of Technology in Computer Science | Jawaharlal Nehru Technological University | 2014 - 2018

CERTIFICATIONS

AWS Certified Developer - Associate | OpenAI API Certification (In Progress) | Oracle Certified Java Programmer