**[Your Name]**

**Generative AI Engineer** [Your Email] | [Your LinkedIn] | [Your GitHub]

**Objective**

Energetic and innovative Generative AI Engineer eager to leverage a profound background in AI, specializing in vector databases, LLM frameworks, and cloud deployments. Aims to apply technical skills and creativity in developing state-of-the-art AI solutions within a dynamic team setting.

**Education**

Bachelor of Science in Computer Science  
 [University Name], [Graduation Year]  
 Relevant Coursework: Machine Learning, Artificial Intelligence, Data Structures and Algorithms, Natural Language Processing

**Skills**

* **Programming Languages**: Python
* **Frameworks & Tools**: TensorFlow, PyTorch, LangChain, LlamaIndex,Streamlit,Flask
* **Generative AI Technologies**: Open-source and paid LLM models (Llama2, Mistral,OpenAI,Google Gemini Pro)
* **Vector Databases**: ChromaDB, Pinecone
* **Database Management**: Experience with DataStax Cassandra DB in production environments, Mysql, Mongodb
* **Deployment Platforms**: AWS Bedrock, AWS (EC2, Lambda), Azure Functions, Hugging Face Spaces
* **AI/ML Techniques**: Fine-tuning with custom data, vector embedding, NLP, neural network optimization,MLOPS, Dockers,Kubenetes
* **Soft Skills**: Analytical thinking, problem-solving, teamwork, effective communication

**Professional Experience**

**Roles and Responsibilities**

* **Managed and optimized vector databases** such as ChromaDB and Pinecone, enhancing AI applications' data retrieval capabilities.
* **Handled DataStax Cassandra DB in production environments**, ensuring optimal performance and reliability for AI-driven applications.
* **Developed scalable AI solutions** using LangChain and LlamaIndex frameworks, demonstrating expertise in generative AI technologies.
* **Implemented and fine-tuned both open-source and paid LLM models**, customizing solutions to meet specific project requirements and performance goals.
* **Leveraged AWS Bedrock for deploying AI models**, utilizing cloud services to ensure scalability and reliability of AI applications.

**Projects**

**ATS Resume LLM App**

* **Overview**: Developed an application optimizing resumes for ATS using OpenAI APIs, enhancing match rates for job applications.
* **Technologies**: OpenAI APIs, Python, AWS, Google Gemini Pro.
* **Outcome**: Achieved a 50% improvement in ATS match rates, increasing users' chances of securing interviews.

**Text to SQL LLM App using Llama2**

* **Overview**: Created an app to convert natural language queries into SQL commands using Llama2, improving database accessibility for non-technical users.
* **Technologies**: Llama2, Python, AWS Bedrock.
* **Outcome**: Reduced query formulation time by over 60%, enhancing productivity for users.

**Advanced Q&A Chatbots with DataStax Databases and Vector Embedding**

* **Overview**: Engineered chatbots that provide accurate, context-aware answers by integrating DataStax databases with vector embedding techniques.
* **Technologies**: DataStax Databases, vector embedding algorithms, Hugging Face Spaces.
* **Outcome**: Achieved a 40% reduction in the need for human intervention in customer service inquiries, improving response accuracy and user satisfaction.

**Achievements**

* **Innovative AI Solutions**: Successfully developed and deployed cutting-edge AI applications, demonstrating a strong impact in enhancing user engagement and operational efficiency.
* **Technical Leadership**: Led teams and projects to pioneer the use of generative AI technologies in practical, real-world applications.

**Certifications**

·         Certified TensorFlow Developer (TensorFlow)

·         Machine Learning with Python (Coursera)