**SARAH CHEN**

**Gen AI Developer**

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📍 San Francisco, CA

**PROFESSIONAL SUMMARY**

Results-driven Gen AI Developer with 2 years of experience specializing in large language models, computer vision, and natural language processing. Proven track record in developing and deploying AI solutions that drive business value. Strong expertise in prompt engineering, model fine-tuning, and AI application development.

**PROFESSIONAL EXPERIENCE**

**Senior Gen AI Developer | TechForward Solutions | Jan 2023 - Present**

* Architected and implemented custom LLM solutions reducing customer service response time by 65% through automated query handling and intelligent routing
* Led the development of a computer vision system for quality control, achieving 98% accuracy in defect detection
* Optimized prompt engineering strategies resulting in 40% improvement in model performance and 30% reduction in API costs
* Mentored junior developers in AI best practices and conducted workshops on responsible AI development

**Gen AI Developer | AI Innovations Inc. | Jan 2022 - Dec 2022**

* Developed and deployed 5 production-ready Gen AI applications using GPT-4, DALL-E, and custom fine-tuned models
* Implemented RAG (Retrieval-Augmented Generation) systems improving context accuracy by 75%
* Created scalable AI pipelines processing over 1M daily requests with 99.9% uptime
* Collaborated with cross-functional teams to integrate AI solutions into existing products

**TECHNICAL SKILLS**

* **AI/ML Frameworks**: PyTorch, TensorFlow, Hugging Face Transformers
* **Programming**: Python, JavaScript, SQL
* **Gen AI Tools**: GPT-4, DALL-E, Stable Diffusion, Claude
* **MLOps**: Docker, Kubernetes, MLflow
* **Cloud Platforms**: AWS SageMaker, Google Cloud AI, Azure ML
* **Vector Databases**: Pinecone, Weaviate, ChromaDB

**PROJECTS**

**Intelligent Document Processing System**

* Developed an end-to-end system using LLMs for document understanding and extraction
* Achieved 95% accuracy in information extraction across multiple document types
* Reduced manual processing time by 80%

**Multimodal AI Assistant**

* Created a vision-language model for retail product recognition and recommendation
* Implemented efficient prompt engineering techniques reducing token usage by 50%
* Integrated real-time speech recognition for enhanced user interaction

**EDUCATION**

**Bachelor of Science in Computer Science**  
Stanford University | 2017-2021

* Minor in Artificial Intelligence
* GPA: 3.8/4.0

**CERTIFICATIONS**

* AWS Certified Machine Learning - Specialty
* Google Cloud Professional Machine Learning Engineer
* Deep Learning Specialization - DeepLearning.AI

**PUBLICATIONS & PRESENTATIONS**

* "Efficient Prompt Engineering Strategies for Enterprise LLMs" - AI Conference 2023
* "Scaling Gen AI Applications: Lessons from Production" - Tech Summit 2023