Amira Khatri — NLP Engineer

Years of Experience: 6
No formal degree in Computer Science

AMIRA KHATRI
NLP ENGINEER
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SUMMARY

Results-driven NLP Engineer with six years of experience building and deploying language models at scale. Proven track record in end-to-end pipeline development, model optimization, and cross-functional collaboration. Adept at leveraging cutting-edge transformer architectures to solve real-world problems in sentiment analysis, entity recognition, and conversational AI.

SKILLS

Python, PyTorch, TensorFlow, Transformers, spaCy, BERT, GPT-3, RoBERTa, Tokenization, Text Classification, Named Entity Recognition, Sentiment Analysis, Model Deployment, Docker, Kubernetes, AWS, Azure, Git, Jupyter, Data Visualization

EXPERIENCE

- Led a cross-functional team to develop multilingual dialogue systems for enterprise chatbot solutions.
- Conducted A/B testing and user studies to iteratively improve model performance.
- Authored internal knowledge base and mentored junior engineers on best practices in NLP engineering.

- Designed and deployed end-to-end transformer pipelines for speech-to-text and summarization services.
- Optimized inference latency by pruning and quantizing models without compromising accuracy.
- Integrated NLP modules into RESTful APIs using FastAPI and Dockerized the deployment stack.

- Developed and maintained production ML pipelines for recommendation systems.
- Implemented feature engineering and data preprocessing workflows for large-scale datasets.
- Collaborated with data scientists to fine-tune BERT models for text classification tasks.

EDUCATION

Self-Study Certificate - Computer Science, Personal Project Portfolio, Remote, 2022