

Elena S. Marin — NLP Engineer

Years of Experience: 10

Self-taught in Computer Science

ELENA S. MARIN

NLP ENGINEER

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SUMMARY

Seasoned NLP professional with a decade of experience spanning fintech, e-commerce, and communications. Proven track record of delivering state-of-the-art transformer models in production, leading cross-functional teams, and driving research into cutting-edge language understanding techniques.

- Natural Language Processing
 - Transformer Models
 - PyTorch
 - TensorFlow
 - Hugging Face
 - Text Classification
 - Sentiment Analysis
 - Dialogue Systems
 - Model Deployment
 - API Development
 - Data Preprocessing
 - Feature Engineering
 - Model Evaluation
 - Team Leadership
- Built and maintained NLP pipelines for financial document extraction.
 - Implemented word embeddings and simple sequence models for anomaly detection.
 - Collaborated with data engineering teams to clean and preprocess large datasets.
- Designed and fine-tuned transformer-based models for multilingual query understanding.
 - Developed evaluation frameworks to benchmark model performance on real-world traffic.
 - Optimized model inference latency using ONNX and Docker containers.
- Led end-to-end NLP projects for sentiment analysis and chatbot response generation.
 - Mentored a team of 4 engineers, set coding standards and conducted code reviews.
 - Integrated NLP services into microservice architecture, securing 99.9% uptime.
- Directed research and deployment of large-scale recommendation engines using transformer models.
 - Implemented continuous-learning pipelines to adapt models to new product categories.
 - Collaborated with product managers to align NLP capabilities with business goals.

EDUCATION

Self-taught - Computer Science - N/A - 2023