

# Alazare Bati

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## PROEJCTS, RELEVANT CERTIFICATIONS & EDUCATION

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### DeepLearning.AI

- *Financial Agentic RAG using LlamaIndex*
- *Serverless CRM Tool with Amazon Bedrock*
- *Multi AI Agent Systems with CrewAI*
- *Finetune LLMs with Reinforcement Learning from Human Feedback*

**Microsoft Certified:** Azure AI Engineer Associate

**Stanford University:** Machine Learning Specialization

**University of Rochester:** Bachelor's Degree in Chemical Engineering and Engineering Science

## PROFESSIONAL EXPERIENCE

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### Wells Fargo, Charlotte NC

Jan 2024 – Present

*AI/ML Software Engineer*

- Engineered RAG solutions using LangChain, LlamaIndex, Llama3 or OpenAI to support complex bank policy inquiries.
- Implemented NLP-based classification and entity extraction systems, reducing manual email sorting by ~80% and improving financial data analysis capabilities.
- Fine-tuned ML models with distributed training, GPU acceleration, quantization, pruning, and model parallelism, reducing latency and speeding development.

### Wells Fargo, Charlotte NC

May 2022 – Dec 2023

*Software/Data Engineering Associate*

- Advanced language understanding in large-scale LLM applications with Hugging Face Transformers improving accuracy.
- Deployed chatbot solutions using Dialog Flow, streamlining customer support.
- Developed an NLP-based contract review tool, cutting manual review by 40–60% and realizing ~\$180K in annual cost savings.

### Infosys, Charlotte NC

May 2021 – May 2022

*Associate Software Engineer*

- Applied OOP and Agile methodologies to build robust, large-scale web applications with RESTful APIs and Angular-based UIs.
- Ensured high-quality and scalable solutions through best coding practices, thorough testing, and continuous integration.

## SKILLS

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**ML & AI:** TensorFlow, PyTorch, JAX, Spark ML, Hugging Face, LangChain, LlamaIndex, Generative AI, NLP

**Advanced Techniques:** Model Parallelism, Quantization, Pruning, ONNX, TensorRT, Distributed Training, HPC, GPU Acceleration

**Infrastructure & Cloud:** Azure, GCP, Kubernetes, CI/CD, MLOps, Scalability, Cross-Region Resiliency