

Keshav Arri

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EDUCATION

Master of Applied Computing — Specialization: Artificial Intelligence <i>University of Windsor</i>	Jan 2025 - present
Bachelor of Technology in Computer Science and Engineering <i>Guru Nanak Dev Engineering College</i>	Sep 2020 - Sep 2024 SGPA-8.13

TECHNICAL SKILLS

Languages	Python, SQL, C/C++, HTML, CSS
Databases	SQL (MySQL, PostgreSQL), NoSQL (MongoDB), Graph Databases (Neo4j), Vector Databases (Pinecone, Weaviate, Milvus), Data Warehousing (Snowflake)
DevTools	Version Control (Git, GitHub), Cloud Platforms (AWS, Azure, GCP), CI/CD Pipelines
Frameworks	Deep Learning (PyTorch, TensorFlow), NLP (Hugging Face, NLTK, spaCy), ML (Scikit-learn, XGBoost), Computer Vision (OpenCV, Detectron2), LLM Orchestration (Langchain, Langraph), Web(FastAPI, Django), Agentic AI (CrewAI, Agno)
Skills	RAG Systems, Vector Search, Prompt Engineering, Fine-tuning LLMs, A/B Testing, System Design, Data Structures & Algorithms, API Development, Multimodal AI Applications
Soft Skills	Problem Solving, Technical Leadership, Cross-functional Collaboration, Communication Skills, Project Management, Innovation Mindset, Agile Methodologies

EXPERIENCE

AI ML Engineer <i>Slideoo</i>	Feb 2024 - Feb 2025 https://slideoo.ai/
<ul style="list-style-type: none">Architected multi-LLM pipeline (Claude, GPT) with FastAPI reducing PPT creation time by 90% (3min→30sec) for 20,000+ users while maintaining 99.9% uptime and decreasing latency by 25Deployed RAG-powered document creation system and chatbot across Azure/AWS infrastructure (EC2, Lambda, CloudWatch), implementing A/B testing that improved user engagement by 40%	
Data Scientist & NLP Researcher <i>Sabudh Foundation</i>	Jul 2023 - Jan 2024 <i>Credential</i>
<ul style="list-style-type: none">Led IDP project integrating OCR, NLP and Detectron2 that automated document workflows, reducing manual data entry by 60% while improving processing speed by 50%Fine-tuned SOTA models for NER (+15% F1 score), summarization, and line segmentation using transfer learning and data augmentation, boosting overall accuracy and energy efficiency by 40%	

PROJECTS

Reelify AI <i>AI-Powered Video Creation Engine</i>	<i>Visit</i>
<ul style="list-style-type: none">Leveraging DALL-E 3, Claude, ElevenLabs, and OpenCV to create a multimodal video generation platform with mathematically optimized canvas rendering, dynamic prompt engineering, and cross-language support, delivering 50% higher user retention through automated content creation workflows.	
JobFIT-Crafter <i>Smart ATS Resume Optimization</i>	<i>Visit</i>
<ul style="list-style-type: none">Developed innovative platform that analyzes resumes and job descriptions, performs ATS scanning, gathers content, and generates resumes with personalized technical & non-technical interview questions for job preparation.	
DataDialect <i>Natural Language Database Interface</i>	<i>Visit</i>
<ul style="list-style-type: none">Implemented an advanced NL2SQL conversion system using LangChain, LangSmith, and ChromaDB with few-shot learning techniques, dynamic table selection, and example-based configuration.	