

SAJJAD ISMAIL

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Tech Stack

- **Programming Language:** Python | SQL
- **Data Science:** Numpy | Pandas | Tensorflow | Torch | Hugging Face Transformers | Scikit-learn
- **Computer Vision:** CNN | YOLO | Roboflow | OpenCV
- **Time Series:** ARIMA | SARIMA | LSTM
- **Tech Tools:** N8N | Automation Anywhere | Power BI
- **Natural Language Processing:** Regex | spaCy | Named Entity Recognition
- **Generative AI:** Large Language Model | RAG | Diffusion Models | GAN | Ollama
- **Cloud Platforms:** AWS (S3, EC2 basics) | GCP (VM Instances, Deployment)
- **Soft Skills :** Fluent In English | Basic Proficiency In Hindi

Experience

Pirai Infotech

02/2024 - 08/2024

AI Engineer

- **Test Case Generator:** An internal tool built based on the RAG architecture which automatically generates the test case scenarios based on the given BRD (Business Requirement Document) and the specific topic. It is capable of handling complex modifications such as injecting profanity to test content filtering, validating input sanitization, and ensuring robustness of the application.
- **Equiax:** A customized RAG (Retrieval-Augmented Generation) model which gives a specific structured response by extracting only the relevant content from the whole document. It is domain-specific and accepts only documents that fall under its pre-defined domain schema. The RAG system uses a finely-tuned retriever to identify the most relevant text chunks from the input document and a generator that synthesizes structured and contextually accurate responses. This ensures high precision, reduces noise, and is particularly useful for domains like legal, finance, or compliance where accuracy and specificity are critical.
- **Wicket Detector:** A computer vision-based model developed on Roboflow, which detects whether a batsman is out or not based on the movement of the cricket stumps in a video frame. This tool can assist third umpires or broadcasters with quick and automated decision-making in real-time cricket scenarios. The dataset included varied lighting conditions and camera angles to ensure robustness.

NeoQubit

10/2024 - 09/2025

AI Engineer

- **Reiseli:** An agentic platform which helps connect lenders and borrowers. The platform uses intelligent agents to match borrowers with suitable lenders based on loan requirements, creditworthiness, risk profiles, and interest rates. It supports dynamic negotiation, automated document verification, and real-time credit scoring using integrated APIs. The system ensures end-to-end security and transparency through smart contracts or encrypted digital agreements, facilitating faster and more reliable loan disbursement, especially in the P2P lending ecosystem.
- **NeoStack:** An end-to-end HR platform that automates resume parsing and candidate-job matching using AI. The system ingests resumes (PDF/DOCX), extracts structured data, generates embeddings for semantic similarity, and ranks candidates against job profiles. It provides role-based authentication, candidate lifecycle tracking, communications logging, analytics, S3-compatible file storage via MinIO, and a responsive React TypeScript UI. Recently added a Compensation Intelligence module enabling natural-language queries translated into safe SQL for HR insights.
- **Bidkaizen:** A customized LLM fine-tuned on a specific domain of knowledge which gives proposal solutions based on the user's proposal. The model understands proposal intents, constraints, and expected deliverables, then crafts tailored solutions that align with industry best practices and organizational standards.

Certifications

- **Salesforce Certified Agent force Specialist :** [Salesforce](#)
- **Salesforce Certified AI Associate :** [Salesforce](#)
- **AWS Certified AI Practitioner :** [Amazon](#) (bc7f66b825804cefaa70202123d356f1)
- **Learning Analytical Tools :** [NPTEL](#)
- **One Million Prompts:** [Dubai Future Foundation](#)

Education

Bachelor of Technology

Bannari Amman Institute Of
Technology

08/2020 - 04/2024

- Major in Artificial Intelligence And Data Science