OBAID TAMBOLI

@ tamboliobaid@gmail.com 📞 +91 7066799011 in Linkedin ○ Web 🏆 Certifications

EXPERIENCE

Sr. Executive Consultant
Deloitte India

📅 2024 📍 Mumbai, India

- Built GenAI-based compliance checker (Azure AI + LangChain) and automated LLM-driven reporting, reducing manual effort and turnaround time by 50%.
- Engineered scalable ETL pipelines for ECL computation (IFRS 9 PD), improving data throughput by 40% across Indian and global banks.
- Applied ML for IRB model stress testing, enhancing predictive accuracy and regulatory compliance.
- Leveraged RAG and GenAI to extract actionable insights from unstructured data; drove AI adoption across credit risk workflows, increasing process efficiency.
- Provided GenAI risk and ethics consultancy to senior stakeholders, influencing enterprise-level AI governance.
- Conducted statistical validation of credit risk models, ensuring robustness and alignment with regulatory standards.
- Built end-to-end ML-driven stress testing for a global bank; quantified adverse financial and qualitative impacts for C-suite decision-making.

Data Science Intern
Respirer Living Sciences Pvt. Ltd

📅 2023 📍 Pune, India

- Employed advanced Machine Learning algorithms for resilient real-time time series models.
- Implemented Explainable AI, improving transparency and reliability.
- Conducted rigorous statistical testing and validation of ML models.
- Deployed and monitored ML models for real-time calibration

TECHNICAL SKILLS

- **Programming Languages :** Python (proficient), Java, SQL
- **Tools/Libraries:** HuggingFace, Pytorch, LangChain, nltk, Pandas, Numpy, Scikit-learn, matplotlib, PySpark | (proficient)
- **Cloud Services :** Azure-ML (proficient), Firebase, Amazon AWS
- **Softwares :** Perplexity, OpenAI, Matlab, MySQL, PowerBI
- **Concepts :** ECL, Model Risk Management, Stress Testing, IFRS9, Basel III

PROJECTS

AI Text Detection
📅 January 2024 - February 2024

- Developing Novel Robust Domain-Adaptive Self-Supervised AI Text Detection Model for Microsoft

Mufti Chatbot
📅 November 2023 - Ongoing

- Fine-tuned Llama2-7B model on Islamic QA data.
- Created a RAG on the fine-tuned model using LangChain.

EDUCATION

Indian Institute of Science Education and Research
📍 Bhopal, Madhya Pradesh

Data Science Engineering (Major) EECS (Minor) CGPA - 8.23/10

Higher Secondary
Poona College

📍 Pune, Maharashtra

Percentage - 84.00%

Secondary
Bhishop's CO-ED School, Undri

📍 Pune, Maharashtra

Percentage - 91.40%

ACHIEVEMENTS

GATE 2024
Qualified GATE with rank 2635 in Data Science and Artificial Intelligence (DA)

Publication 2024
Research Paper on AI Text Detection in IJCAI

COURSES AND CERTIFICATION

Deep Learning | Udemy

Data Science | Udemy

Machine Learning | Coursera

Generative AI | Coursera

Gen AI Ethics and Responsibility | Udemy

Credit Risk In Python | Coursera

Artificial Intelligence | IISERB

LLM Fundamentals | IBM

Computer Vision | IISERB

Advanced NLP | Udemy

Quantum Computer Science | IISERB

SOFT SKILLS

Hard-working Eye for detail

Team Work Learning Potential

EDUCATION