ALWYNA CHANDANSHIV
Aspiring Associate Data Scientist

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Aspiring Data Scientist with overall 2 years of experience and programming skills in Python-based AI/ML solutions, specializing in NLP and Skilled in developing and modelling techniques, fine-tuning models using TensorFlow, Hugging Face, and LangChain. Proficient and technical expertise in deploying solutions using REST APIs and serverless cloud architecture (AWS Lambda). Experienced in agile team environments and building POCs that demonstrate business value. Capable of translating complex technical outputs into insights for non-technical stakeholders.

AREA OF EXPERTISE

Languages/Frameworks: Python, SQL, Java, R, COBOL (basic)
ML Tools: TensorFlow, PyTorch, Hugging Face, Scikit-learn, Keras
Data Handling: Pandas, NumPy, Matplotlib, Seaborn, PySpark
Cloud & APIs: AWS (Lambda, EC2), Azure, REST APIs, Hugging Face Hub, OpenAI Platform

AI/NLP & Gen AI: RAG pipelines, LangChain, LLMs (GPT, LLaMA), Prompt Engineering, OpenAI API, Transformers, Chunking strategies, Vector Databases (FAISS), Context-aware Agents
Visualization: Power BI, Tableau, Excel

Gen AI Tools: Streamlit (for Gen AI app deployment), FastAPI, Gradio, Weights & Biases (for tracking fine-tuning experiments)
Other: Agile methodology, GitHub, Jira, VS Code, Hackathon participation, POCs for enterprise AI integration

KEY ACHIEVEMENTS

Built a GenAI-powered summarization model using Hugging Face & RAG, improving information retrieval efficiency by 30%.
Reduced AWS EC2 costs by 20% using serverless automation with Lambda and EventBridge.
Delivered a resume classification prototype with 85%+ accuracy, streamlining role-matching using NLP and supervised models.

PROFESSIONAL EXPERIENCE

Data Science Intern Online | AI Variant   **June 2024 – Feb 2025**

Worked on developing an end-to-end resume classification system using NLP to automatically map resumes to predefined roles like Data Scientist and Java Developer. Extracted and processed data from DOCX files using Python, applied NLP techniques (tokenization, stopword removal, TF-IDF), and built classification models using Logistic Regression and Random Forest. Conducted EDA to uncover keyword patterns, evaluated models using accuracy and F1 score, and packaged the solution into a scalable prototype. Documented solution architecture and shared outcomes with stakeholders in both technical and business terms. Also explored basic COBOL-Java refactoring as part of GenAI code transformation experiments.

Web Developer | Digitalize The Globe   **Aug 2023 - Present**

Worked as a Web Developer, building and deploying responsive websites with HTML, CSS, JavaScript, and PHP. Managed backend development using MySQL and SQL, and deployed applications on AWS (EC2, S3, Route 53). Built and customized WordPress solutions. Also explored backend automation and POCs using Python, integrated REST APIs, and experimented with FAISS for intelligent content search—laying the foundation for scalable, AI-integrated web applications.

PROJECTS

AI-Powered News Summarization (GenAI | NLP | Transformers)

Built a text summarization model using Hugging Face Transformers, reducing information overload by 30%- Implemented chunking, prompt engineering, and vector databases (FAISS) for Retrieval-Augmented Gene- Deployed using Streamlit for interactive web access and collaborated in agile sprints for delivery.

Chatbot Enhancement with NLP & Fine-Tuning
Designed an LLM-based chatbot using LangChain + OpenAI API, improving query resolution accuracy by 2-
Developed the solution as a rapid POC and integrated with CRM/email systems for enterprise use. - Fine-
tuned models using domain-specific data; collaborated across teams for iterative development.

AWS Lambda Automation for EC2 Cost Optimization
Developed a Python-based serverless architecture using AWS Lambda and EventBridge. - Reduced
infrastructure costs by 20% through scheduled instance control. - Communicated results and impact to
stakeholders in a clear and actionable manner.

EDUCATION

Master's Diploma Degree   **Feb 2024 - Feb 2025**
PG Diploma in Data Science and Artificial Intelligence Machine Learning
Steinbis University Berlin

Studied Data Analytics, Data Science and Genarative AI and Machine Learning
Multiple Projects on Data Science, Artificial Intelligence and Data Analytics

Bachelor's Degree
BSC in Computer Science   **June 2020 - April 2023**
Savitribai Phule University
CGPA 8.74

ADDITIONAL INFORMATION

Languages: English, Hindi, Marathi **Certifications:** Data Science & AI Specialization (ExcelR)
Technical Tools: Python, SQL, FastAPI, Flask, TensorFlow, PyTorch, Transformers, LangChain,
LangGraph, FAISS, ChromaDB, Scikit-learn, AWS, Streamlit, Tableau, PowerBI, Git, Docker
Storytelling to non-technical stakeholders