Pratyush Jain - AI/ML Intern Resume

Pratyush Jain

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GitHub/Portfolio: [Add Link] | LinkedIn: [Add Link]

Career Objective

Aspiring AI/ML Engineer with hands-on exposure to DevOps and cloud platforms (AWS, GCP) and a keen interest in Agentic AI frameworks. Passionate about building NLP pipelines, deploying LLM applications, and working on real-world problems like misinformation detection and political data analysis. Seeking an AI/ML Internship at Strelema to apply my skills in a research-driven, impact-oriented environment.

Technical Skills

- Programming: Python, Shell Scripting, SQL

- ML & NLP: scikit-learn, spaCy, Hugging Face Transformers, TensorFlow, NLTK, LangChain

- Agentic AI & LLM Tools: AutoGPT, CrewAI, LangGraph, FAISS, Pinecone, Qdrant (basic)

- DevOps & Infra: Docker, Kubernetes, Jenkins, GitHub Actions, Terraform

- Cloud: AWS (EC2, S3, CloudFormation), GCP (Compute, Storage)

- Monitoring & Testing: CloudWatch, Nagios, Prometheus, Selenium

- Soft Skills: Communication, Problem Solving, Collaboration

Projects

Political Text Summarization Using Transformers

- Built an NLP pipeline using Hugging Face Transformers for summarizing political news & speeches.

- Integrated LangChain and FAISS to retrieve relevant context before summarization.

- Used Pinecone to store vector embeddings and deployed via Streamlit.

Chatbot Using RAG (Retrieval-Augmented Generation)

- Developed an AI assistant using LangChain + OpenAI GPT + custom documents.

- Implemented modular RAG flow with Qdrant for vector DB storage.

- Integrated with political FAQs, analyzed user questions in Hindi/English.

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Multilingual Sentiment Classification

- Built a sentiment analysis model using scikit-learn & spaCy for Hindi/Marathi/English tweets.

- Used custom tokenization and embeddings for multilingual processing.

- Deployed model on AWS Lambda with REST API.

Experience

Cloud Operations Executive - Startek

Pune | Oct 2023 - Apr 2024

- Supported infrastructure and automation tasks on GCP.

- Resolved cloud-based incidents and participated in deployment rollouts.

Technical Support Analyst - Eclerx

Pune | May 2024 - Oct 2024

- Diagnosed routing/networking issues, collaborated on backend monitoring.

Manual Testing Intern - FirstCry

Pune | Oct 2020 - Sept 2021

- Performed manual testing on apps, identified test cases for automation.

Education

Bachelor of Computer Applications (BCA)

Makhanlal Chaturvedi University | 2017 | 58%

12th (HSC) - MP Board | 2011 | 66%

10th (SSC) - MP Board | 2009 | 86%

Certifications

- Machine Learning - Coursera (Andrew Ng)

- LangChain for LLMs - Udemy

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- Prompt Engineering for Developers - DeepLearning.AI

- AWS Fundamentals - Amazon Academy (Optional if done)

Additional Details

- Languages: English, Hindi, Marathi

- Interests: Political tech, misinformation detection, governance data modeling

- Strengths: Punctual, Adaptable, Fast Learner