Akash

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SUMMARY

Results-driven **Data Analyst / Data Engineer** with hands-on experience in **Python, SQL, ETL pipelines, Tableau, Machine Learning, and Cloud services**. Skilled in transforming large, complex datasets into actionable business insights and building scalable data-driven solutions. Demonstrated success in **automating workflows, improving model performance, and optimizing data pipelines**, reducing manual processing efforts by up to **50%**. Adept in end-to-end analytics—from **data extraction and cleansing to modelling, visualization, and deployment**.

WORK EXPERIENCE

Coders Boutique (Remote) — Data Engineer Intern
Oct 2024 – Jan 2025

- Engineered **WebScrapIn**, a Chrome extension that automated LinkedIn profile extraction, increasing data collection throughput by **40%**.
- Developed **batch processing pipelines** and **live activity logging** using **SQL**, reducing manual intervention by **30%**.
- Initiated development of **ApplyIn**, an AI-driven resume parser and job-application autofill engine leveraging **NLP**; projected to reduce application time by **50%**.
- Utilized **Python, BeautifulSoup, Selenium, SQL, and REST APIs** to streamline ETL workflows and enhance data reliability.

Analyttica Datalab, Bengaluru — Data Analyst Intern
Feb 2024 – Jun 2024

- Improved classification accuracy by **20%+** across multiple projects by designing, training, and fine-tuning ML models including **Logistic Regression, Decision Trees, and DNNs**.
- Built and deployed an **intelligent ticket categorization system**, reducing triage time by **40%** and boosting classification precision by **25%**.
- Performed **EDA** on high-volume datasets (100,000+ rows), uncovering insights that drove **10+ strategic business decisions**.
- Designed interactive **Tableau dashboards**, conducted cohort analysis, and enabled data-driven retention strategies, reducing decision-making cycles by **15%**.
- Collaborated with cross-functional teams to deliver **data pipelines, feature engineering workflows, and model evaluation reports**.

PERSONAL PROJECTS

Scraping & Classification Web App — Streamlit, MySQL, Celery, NLTK
Feb 2024

- Built a full-stack system that automatically extracts, preprocesses, and classifies news content with **93% model accuracy** using **Multinomial Naive Bayes**.
- Reduced data processing time from **5 minutes to 6 seconds** by implementing asynchronous workflows with **Celery, Redis**, and optimized preprocessing pipelines.
- Integrated **modular ETL components**, improving scalability and adaptability for real-time classification tasks.

RAG Model for Multi-Document QA — Python, FAISS, Gemini API
December 2023
- Developed a **Retrieval-Augmented Generation (RAG)** pipeline enabling multi-document semantic search and contextual Q&A using FAISS vector indexing.
- Enhanced retrieval speed by **30%**, reducing manual document lookup time by **25%**.
- Implemented **embedding generation, chunking, ranking, and retrieval logic**, making knowledge search faster and more efficient.

SKILLS

- **Programming:** Python, SQL
- **Databases:** PostgreSQL, MySQL
- **Machine Learning:** Regression, Classification, DNNs, Feature Engineering, EDA
- **Libraries:** Pandas, NumPy, Scikit-learn, PyTorch, NLTK, SpaCy, BeautifulSoup
- **Tools:** Tableau, Power BI, Git, Docker, Celery, Streamlit, Flask
- **Cloud:** AWS (EC2, S3, DynamoDB)
- **Other:** ETL Pipelines, Model Evaluation, Prompt Engineering, API Integration.

EDUCATION

- **University of Mysore**
  Master of Computer Applications (MCA)
  Feb 2022 – Sep 2023

- **Sharnbasva University**, Karnataka
  Bachelor of Computer Applications (BCA)
  Aug 2018 – Nov 2021

CERTIFICATIONS

- **IBM Data Science Certificate**
- **LinkedIn–Microsoft Data Analytics Certificate**