

RIAKANTHA SHIVA KRISHNA

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OBJECTIVE

Aspiring Data Scientist skilled in Python, ML, and automation. Interested in building intelligent systems and solving real-world problems using AI, data analysis, and modern tools.

SKILLS

Languages/Tools	Python, C/C++, Git, MySQL, Jupyter Notebook, HTML
Data Analysis/ML	Pandas, NumPy, Scikit-learn, TensorFlow, Keras
Visualization	Power BI, Tableau
Web Scraping & Automation	BeautifulSoup, Selenium
Other Skills	System Design, MS Office Suite, Data Structures

CERTIFICATIONS

Coding Ninjas Introduction to Python - Training Certificate ([Certification Link](#)) Aug 2020 - Oct 2020

WORK EXPERIENCE

Freelance Data Scientist Jan 2022 - Apr 2022
Independent Projects Remote

- Built a CNN model using TensorFlow/Keras for **Intel Image Classification**, classifying 14,034 images into six categories using data augmentation techniques.
- Optimized a **Marketing Campaign** using clustering (K-Means) and a soft voting classifier; implemented data pipelines in Python with Pandas, Seaborn, and Tableau.
- Applied data preprocessing and feature engineering with a focus on production-ready ML workflows.
- Tools: Python, TensorFlow, Scikit-learn, Git, Tableau, Seaborn

PROJECTS

AutoPitcher

Python, Streamlit, LangChain, Groq

- Developed a **Streamlit web app** that extracts structured job details from career web pages using **LLaMA-3** via **Groq API**.
- Processed unstructured job listings into clean **JSON** and then generated personalized cold emails tailored to each job role.
- Incorporated user project portfolio links to dynamically enhance email content, increasing relevance and impact.
- Managed model context limits and compatibility issues to deliver consistent real-time email generation on submission. ([GitHub Repository Link](#))

Sales Analytics Project (Role Simulation: Junior Data Analyst at Atliq Hardware)

SQL, Power BI, Data Visualization

- Processed SQL queries to answer 10+ business use cases.
- Created Power BI dashboards to track trends, product KPIs, and growth metrics and highlighted a **16.67%** growth in unique products (2021 vs 2020).
- Project emphasized **end-to-end data workflow** from raw queries to visualization. ([GitHub Repository Link](#))

EDUCATION

Master's Degree, New England College 2023 - 2025
Data Science, (Grade: 4.0)

Bachelor of Technology, JNTUH 2018 - 2022
Electronics and Communication Engineering.