Glen Elric Fernandes

+91 9880255142 | glenelricfernandes@gmail.com | linkedin.com/in/glen-elric-fernandes | glenelric.space
Mangaluru, Karnataka, India

Objective

Data Science & Analytics professional with expertise in machine learning, statistical modeling, and anomaly detection. Focused on building intelligent, automated decision systems. Passionate about applying NLP, Agentic AI, and cloud tools to solve real-world challenges.

Experience

Data Science Intern Mar 2025 – Present
CloudxLab *Remote*

- Built end-to-end ML and analytics pipelines for anomaly detection and pattern analysis on real-world datasets.
- Developed Python-based automated EDA and data quality modules, reducing manual effort by 40% and improving data reliability.
- Implemented performance tracking dashboards and monitoring to identify data drift and model degradation.
- Created technical documentation and case studies on applied ML and data-driven decision systems.

Technical Skills

Data Analysis & ML: Anomaly Detection, Classification, Regression, Unsupervised Learning, Time Series
Programming & Tools: Python (Pandas, NumPy, Scikit-learn), SQL, Jupyter, Git, Linux
Data Analytics: EDA, Data Cleaning, Feature Engineering, Statistical Analysis, Data Visualization
Technologies: Power BI, NLP (SpaCy, NLTK), Flask, Django
Soft Skills: Analytical Thinking, Communication, Problem-Solving, Team Collaboration

Projects

SleuthAI | AI-Powered Pattern Recognition System

- Built anomaly detection system using unsupervised learning to identify suspicious patterns from multi-source datasets.
- Designed scalable backend with secure data handling, access controls, and audit logging for sensitive environments.
- Implemented NLP-based entity resolution, reducing false positives by 28% and improving detection accuracy by 30%.

Smart Data Understanding & Synthetic Data Generation

- Developed end-to-end data pipeline with automated EDA and synthetic data generation (CTGAN, TVAE, Gaussian Copula).
- Built data quality and anomaly detection framework to identify drift and ensure reliable analytics.
- Reduced manual data preparation effort by 50% while achieving 90%+ synthetic data fidelity.

Knowledge Distiller | Information Extraction & Summarization

- Created NLP-based system (BERT, SpaCy, NLTK) for extracting insights from unstructured text data.
- Developed modular Flask backend for batch processing of large document datasets.
- Improved processing speed by 40% through optimization and caching strategies.

Education

St. Joseph Engineering College Expected 2026
B.Tech in Computer Science and Engineering (Data Science Specialization) *CGPA: 9.27*

Achievements

Runner-Up, CIDeCode Hackathon 2024 (PES University) — Built data correlation system improving pattern detection precision by 20% and reducing retrieval time by 30%.

Top 10 Finalist, TonHacker House (India Blockchain Week 2024) — Developed decentralized marketplace with secure transaction and settlement workflow.

NCC 'B' Certificate Top Ranker — Demonstrated leadership, team coordination, and operational planning experience.