Lesego Dhlamini

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Portfolio: lesego-1.github.io/Lesego-1-Portfolio/ | LinkedIn: linkedin.com/in/lesego-d-a5a7372a0

Experience

Backend Software Engineer (Python-Django)

Perpex (Remote, Part Time)
July 2025 - Present

- Implemented normalized relational data models and integrated them with serializers.
- Built and maintained CRUD REST API endpoints to support client-side functionality and ensure seamless communication with the frontend.

Project Experience

Customer Dispute Classification

GitHub: github.com/Lesego-1/Customer-Dispute-Classification

- Built an end-to-end complaint classifier (Django + Bi-LSTM) that flags likely disputes from raw text.
- Added Hugging Face summarization to auto-condense complaints and ease support review.
- **Potential impact:** faster dispute triage and richer product insights through automated risk scoring.

Skills

- **Programming & Tools:** Python, SQL, Git, Jupyter Notebook, Visual Studio Code
- **Libraries & Frameworks:** Django, Django REST Framework, Pandas, NumPy, Scikit-learn
- **ML & Data Concepts:** Data Preprocessing, Model Evaluation, NLP, Bi-LSTM, Text Classification
- **Dev Practices:** REST APIs, Version Control (Git), Unit Testing
- **Soft Skills:** Analytical Thinking, Communication, Problem Solving
- **Languages:** English, Zulu (Beginner)

Education

Diploma in Information Technology | Richfield Graduate Institute of Technology
2023–2025

- Coursework in Programming, Databases, and Software Engineering; supplemented with self-learning in Django and ML.
- Completed hands-on projects using Python, Django, and scikit-learn to build software development and ML skills.