

Lesego Dhlamini

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SUMMARY

Entry-level Software Engineer proficient in **Python** and **Django**, experienced in building **scalable CRUD REST APIs** and secure, database-driven applications. Skilled in collaborative development, code reviews, and delivering **maintainable solutions** that drive **efficiency** and **reliability**.

SKILLS

- **Python:** OOP, Data Structures, Error Handling, Testing (PyTest)
- **Frameworks/Libraries:** Django, REST Framework (RESTful API), Pandas/Numpy
- **DevOps/Tools:** Git/GitHub, Docker Basics, Postman, CI/CD pipelines
- **Cloud familiarity:** AWS (ECS, RDS)
- **Other Languages:** Java, C++, JavaScript, HTML, CSS

PROJECT

Customer Dispute Classifier

Personal Project • github.com/Lesego-1/Customer-Dispute-Classification • April 2025 - June 2025

- Built a Django System to process **200,000+** complaints with text handling, storage, and classification pipelines.
- **Developed a REST API** for complaint data, classification results, and real-time client responses.
- **Integrated NLP services** for text summarization, reducing payloads and optimizing backend workflows.
- Engineered **automated risk-scoring** to prioritize disputes and accelerate business decisions.
- **Containerized the app with Docker** for consistent, scalable deployments.

To-do List RESTful API

Personal Project • August 2025 - September 2025

- **Built a Django REST API** for task management with JWT authentication for secure user access.
- **Added filtering and pagination** to improve performance and usability for large datasets.
- **Containerized with Docker** and tested endpoints via Postman for reliable deployments.
- Prepared cloud deployment using **AWS ECS** and PostgreSQL on RDS.

EXPERIENCE

Software Engineering Intern

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July 2025 - Present

- **Designed 5+** relational Django models ensuring data integrity, scalability, and cross-module consistency.
- **Developed 8+ CRUD REST APIs**, enhancing backend-frontend efficiency for client-facing features.
- Integrated models with serializers for structured, reliable **JSON API responses**.
- **Implemented authentication** and role-based permissions, securing all protected endpoints.
- **Conducted 11+ code reviews** to maintain coding standards and optimize backend logic.

EDUCATION

Diploma in Information Technology

Richfield Graduate Institute of Technology • Johannesburg, Gauteng • 2025

- **Relevant Coursework:** Data Structures, Algorithms, Databases, Operating Systems, Software Engineering, Web Development.
- Lead a project and a team of 5 to create a full End-to-End school project.