

JAMES WAINAINA

Backend Developer | Spring Boot & Django Specialist | Android developer

Contact Information

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Location: Available for Remote & Local Opportunities

GitHub: <https://github.com/Wainainaj652/>

Portfolio: [<https://wainainaj652.github.io/The-Web-1/>]

PROFESSIONAL SUMMARY

Passionate backend developer specializing in building robust APIs and data-driven applications with Spring Boot and Django. Proactively building skills through hands-on projects and seeking an internship to apply knowledge, contribute to real-world teams, and accelerate growth as a professional engineer while funding university studies.

TECHNICAL SKILLS

- Backend Frameworks: Spring Boot, Django, Django REST Framework
- Programming Languages: Java, Python, JavaScript
- Databases: MySQL, PostgreSQL, MongoDB
- Tools & Technologies: Git, Docker, REST APIs, JWT, Linux, Machine Learning
- Concepts: Object-Oriented Programming, Data Structures, Algorithms, System Design

PROJECTS

E-Commerce REST API

- Developed full-featured e-commerce backend using Spring Boot with JWT authentication
- Implemented product management, shopping cart, and order processing with Stripe integration
- Designed normalized PostgreSQL database schema and containerized with Docker
- Technologies: Spring Boot, JWT, PostgreSQL, Docker, Stripe API

Movie Recommendation API

- Created machine learning-powered recommendation system using content-based filtering
- Developed RESTful API with Django REST Framework and flexible data storage with MongoDB
- Integrated Scikit-learn for ML models and exposed recommendations via API endpoints
- Technologies: Django REST Framework, MongoDB, Scikit-learn, Python

EDUCATION

[KISII UNIVERSITY] - [Bachelor of Science in Computer Science]

Expected Graduation: [2027]

Relevant Coursework: Data Structures & Algorithms, Database Systems, Software Engineering

CERTIFICATIONS & LEARNING

- Self-Taught Backend Development Curriculum (Spring Boot, Django, Database Design)
- Android Application using Java and Android Studio
- Online Courses in Java, Python, and Web Development
- Machine Learning Fundamentals

PROFESSIONAL OBJECTIVE

Seeking an internship where I can contribute my skills in App development using java , Spring Boot and Django, learn from experienced engineers, and help build scalable applications while growing as a professional developer.

AVAILABILITY

- Immediately available for internship opportunities
- Flexible for remote or local positions
- Committed to 3-6 month internship duration