**NJOROGE JOSEPH KIMENYU**

Backend Software Developer

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# PROFESSIONAL SUMMARY

Dedicated and adaptable Backend Software Developer with strong experience in building scalable backend systems using JavaScript/TypeScript, Python, and Java. Skilled in API design, database optimization, and system architecture. Passionate about AI tools, cloud integrations, and delivering maintainable, production-grade code.

# TECHNICAL SKILLS

- Languages: Python (Django, Flask, DRF), JavaScript/TypeScript (Node.js, Express), Java (Spring Boot)  
- Databases: MySQL, PostgreSQL, MongoDB, Redis  
- Tools & Platforms: Docker, Celery, Git, Cloudinary, Bull  
- Operating Systems: Linux (Command Line, Shell Scripting)  
- Web Servers: Nginx, Apache  
- Other: REST APIs, JWT Authentication, Socket.io, Asynchronous Processing

# EXPERIENCE

Freelancer — Backend Software Developer  
Remote | Jan 2024 – Present

• Developed scalable backend systems using Django, Flask, and Node.js for diverse client requirements.  
• Built secure RESTful APIs, designed schemas, and implemented authentication systems.  
• Integrated third-party services (e.g., payment gateways, email, cloud storage).  
• Collaborated with frontend developers to deliver full-stack solutions and wrote technical documentation.

Turing — LLM Trainer  
Remote | Oct 2024 – Apr 2025

• Crafted and evaluated prompts to improve large language models (LLMs).  
• Worked with prompt engineering teams on diverse domains such as software development and customer support.  
• Provided structured feedback on model outputs and helped improve prompt libraries and benchmarks.

# EDUCATION

ALX Software Engineering Program  
Nov 2022 – Feb 2024

Specialized in backend development, algorithms, and systems engineering.

Africa Nazarene University  
Bachelor’s Degree in Finance and Banking

# PROJECTS

Food Delivery Service API – Node.js, TypeScript, Express, MongoDB  
https://github.com/kimenyu/mealdrop-typescript

• Built a food delivery platform with roles for restaurants, customers, and delivery personnel. Integrated OTP-based email authentication and JWT-based access control.

File Manager System – Node.js, MongoDB, Redis, Bull  
https://github.com/kimenyu/alx-files\_manager

• Created a full-featured file management backend supporting uploads, permissions, and background tasks.

Advanced Caching System – Python  
https://github.com/kimenyu/alx-backend/tree/main/0x01-caching

• Implemented caching strategies and algorithms to demonstrate performance-enhancing patterns.

Real-Time Chat App – Node.js, Socket.io, MongoDB  
https://github.com/kimenyu/chatease-backend

• Built a chat backend with real-time messaging, avatar support, and authentication.

Learning Management System (LMS) Backend – Django REST Framework, Redis, Celery  
https://github.com/kimenyu/LearningManagementSystem

• Developed an LMS API with role-based access for Admins, Instructors, and Students. Integrated JWT (Djoser), real-time features (Channels), and asynchronous tasks (Celery + Redis). Features include course content delivery, quizzes, grading, and student progress tracking.