








Teddy Githinji Muraguri


Software Engineer

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Summary	Motivated backend developer with a strong foundation in Python, Django, FastAPI, and PostgreSQL. Passionate about learning new technologies and building efficient, scalable applications that deliver measurable user and business impact. Currently seeking opportunities to contribute to dynamic development teams working on production-grade software solutions.
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Technical Skills	Languages Python, JavaScript, C	Frameworks FastAPI, Django, Flask	Databases PostgreSQL, MySQL, SQLite
	Tools Docker, Postman, Celery, Redis, Git, Github	Cloud & Deployment AWS, Heroku, DigitalOcean	

Projects	Blog API  Github link Technologies: FastAPI, PostgreSQL, JWT Authentication <ul style="list-style-type: none">Built a comprehensive RESTful API for a blogging platformImplemented full CRUD operations for posts, comments, and user managementDeveloped user authentication and authorization using JWT tokensCreated follow/unfollow functionality for user interactionsDesigned efficient database schemas and optimized queriesImplemented proper error handling and API documentation Booking Wheels – Car Booking Web App  Github link Technologies: Flask, MySQL, HTML/CSS, JavaScript <ul style="list-style-type: none">Developed a full-stack car booking web applicationImplemented user authentication and role-based access controlCreated comprehensive CRUD operations for vehicle managementDesigned responsive user interface for seamless user experienceIntegrated secure payment processing workflowsImplemented booking management system with availability tracking
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Education	ALX Africa Software Engineer(Backend Specialization)  Certificate link <ul style="list-style-type: none">Intensive program focused on backend development principlesHands-on experience with modern development frameworksEmphasis on scalable application architectureCollaborative project-based learning approach	October 2025 - November 2024 Certificate
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Core Competencies	<ul style="list-style-type: none">• Software Design & Architecture: Experienced in applying SOLID, GRASP, and GoF design patterns• Testing & Quality Assurance: Proficient in writing unit, integration, and end-to-end tests• Collaborative Development: Strong experience in code reviews and team-based development• Performance Optimization: Focus on building efficient, scalable applications• Continuous Learning: Track record of quickly adapting to new technologies and frameworks
Professional Development	<ul style="list-style-type: none">• Problem-solving & Analytical Thinking: Strong analytical mindset with focus on data-driven decisions• Communication & Collaboration: Excellent cross-functional collaboration skills• Adaptability: Quick learner with passion for emerging technologies• Quality Focus: Commitment to maintainable code and reliable software releases
Additional Information	<ul style="list-style-type: none">• Open to backend engineering roles and growth opportunities• Actively participating in coding challenges on LeetCode & HackerRank• Passionate about creating user-facing features that improve acquisition and retention• Experience with microservices architecture and modern development practices