JOSEPH MBUGUA GITAU
CURRICULUM VITAE.

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PROFESSIONAL PROFILE

A motivated and detail-oriented Computer Science graduate with a solid foundation in software engineering, backend development, and web technologies. Hands-on experience building web applications, RESTful APIs, and modular backend systems using Java, Spring Boot, and relational databases such as MySQL and PostgreSQL. Familiar with version control (Git), containerization (Docker), and continuous integration workflows.

Currently expanding backend and DevOps skills through industry-recognized tools and platforms such as JetBrains Academy, Coursera, and official documentation. Passionate about using code to solve real-world problems and eager to grow in collaborative, fast-paced development environments.

Core Values: Adaptability | Critical Thinking | Team Collaboration | Innovation | Accountability

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EDUCATION

Bachelor of Science in Computer Science

Kirinyaga University | *2020 – 2024*

- Second Class Honor's (Lower Division) | GPA: 3.1
- **Final Year Project:** *Bank Products Comparative System*
  → Developed a full-stack web app to compare loan products from multiple banks in Kenya.

Kenya Certificate of Secondary Education (KCSE)

Mang'u High School | *2016 – 2019*

- Grade: B+ | Top 10 percentile in Kiambu County

Kenya Certificate of Primary Education (KCPE)

- Juja St. Peter's School (Resit) – 402 Marks (2015)
- Gathangari Primary School – 310 Marks (2014)

TECHNICAL SKILLS

Languages & Frameworks:

Java (Spring Boot), TypeScript (Angular), JavaScript, C/C++, PHP, HTML5/CSS3

Backend & Architecture:

Spring Boot (REST APIs, Spring Data JPA), Microservices, Monoliths, RabbitMQ and Docker(Containerization).

Frontend:

HTML5, CSS, JavaScript, Responsive UI/UX Design, Reactive Forms

Databases:

MySQL, PostgreSQL, SQL Optimization

DevOps & Tools:

Git & GitHub/Bitbucket, Docker (Containers), Maven, Postman, IntelliJ, VS Code, Linux CLI

Practices:

Agile/Scrum, Version Control, API Testing, CI/CD Basics, Clean Code, MVC Architecture

Soft Skills:

Teamwork, Attention to Detail, Time Management, Clear Communication

Languages:

Fluent in English and Swahili

CERTIFICATIONS & TRAINING

- **Power Learning Project – PLP Software Engineering Track** *(Ongoing)*
- **Git & GitHub Version Control** – LinkedIn Learning
- **Spring Boot Fundamentals** – Amigoscode *(Self-paced)*
- **Frontend Development with Angular** – freeCodeCamp *(Self-paced)*

PROFESSIONAL EXPERIENCE

Software Engineer Graduate Trainee

Tangazoletu Limited | *Feb 2025 – May 2025*

A full-time, 3-month graduate program in enterprise-level software engineering using Java Spring Boot and Angular.

Key Achievements & Responsibilities:

- Designed, developed, and deployed modular **microservices** using Spring Boot.
- Built and consumed secure **REST APIs** for enterprise financial systems.
- Contributed to full-stack web application features using **Angular** + **Spring Boot**.
- Participated in Agile sprints, daily stand-ups, sprint planning, and retrospectives.
- Documented technical workflows and system architecture using markdown and UML.
- Utilized Git for version control and collaborated via **Bitbucket.**.

Leadership Tasks:

- Coordinated stand-up summaries and maintained the sprint task board.

ICT Intern (Attaché)

Caritas Microfinance Bank, Nairobi | *Jun 2023 – Aug 2023*

Engaged in IT support and operations within a live digital banking environment.

Responsibilities:

- Customer Support Services
- Assisted In Bank products and services marketing.
- Worked with Credits Department to recover unpaid mobile loans.
- Helped in Operations Department for collection, verification and cashing of Bankers Checks.

Additional Duties:

- mentorship and onboarding program for incoming interns.

LEADERSHIP EXPERIENCE

- **Student Tech Lead** – *Kirinyaga University Developers Club* (2023–2024)
  → Coordinated bootcamps, managed collaborative coding projects, and mentored peers.
- **Class Representative** – *Mang'u High School* (Form 3 & 4)
  → Advocated student interests, led academic groups, and organized study clinics.

PROJECTS

Taka Ride – Waste Collection & Ride-Hailing System

- Technologies: Java, Spring Boot, PostgreSQL, WebSocket, JWT, REST APIs
- Description: Designed and developed the backend for an Uber-like ride-hailing system focused on solid waste collection (exhausters, bin services). Implemented secure user authentication with JWT, real-time location updates via WebSockets, and role-based access control. Integrated features such as booking, driver tracking, ride status updates, file uploads, and notification triggers (e.g., driver arrival).

Ecoviron – E-commerce & Environmental Consultancy Platform

Technologies: Spring Boot, JavaScript, HTML/CSS, PostgreSQL

Description: Built a full-featured product catalog and blog-driven website for eco-products and consultancy services. Developed backend APIs for product management, user registration, profile updates, and blog publishing. Implemented structured SEO enhancements, modern UI design, dynamic product galleries, and secure contact forms.

HOBBIES & INTERESTS

- Emerging Technologies: AI & Blockchain Applications
- Coding Challenges: LeetCode, HackerRank
- Sports: Swimming, Football
- Leisure: Tech documentaries, UX/UI trends

REFEREES

1. **Dr. Catherine Wambui Mukunga**

   Lecturer, Kirinyaga University

   ✉ cathymukunga@gmail.com | ☎ 0720269144

2. **Patrick Nga'e Lucas**

   High School Teacher

   ✉ patricklucas44@gmail.com | ☎ 0727796044

3. **Peter Waweru Wango**

   CEO, Anspray08 Graphix & Computer Centre

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