<ins>MY   RESUME</ins>

Kemboi Emmanuel

Junior Java & Full-Stack Developer

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🌐 GitHub: https://github.com/Echoesrule
📍 Location: Kenya (Remote-friendly)

Professional Profile

Detail-oriented Computer Science student and Junior Developer with hands-on experience in Java, Python, and full-stack web development. Proven ability to design, develop, and debug small to medium-scale applications using clean, structured code. Comfortable working with both frontend interfaces and backend logic, including database integration. Seeking small gigs, freelance tasks, academic projects, and short-term development work where efficiency, clarity, and reliability are valued.

Core Technical Skills

Programming Languages

- **Java**
  - Object-Oriented Programming (OOP)
  - Classes, objects, methods, constructors
  - Control structures (if/else, switch, loops)
  - Arrays (1D & 2D)
  - Recursion and basic algorithms
- **Python**
  - Functions and modules
  - Game logic with Pygame
  - Input validation and data processing
- **JavaScript (ES6+)**
  - DOM manipulation
  - Event handling
  - Fetch API & basic AJAX

Frontend Development

- HTML5 (semantic structure)
- CSS3 (layouts, responsiveness)
- JavaScript (dynamic UI updates)

- React.js (basics)
  - Components
  - Props & state
  - JSX fundamentals

Backend Development

- Java (logic-based backend programs)
- PHP
  - Form handling
  - CRUD operations
  - Server-side validation
- Python (logic & scripting)

Databases

- MySQL
- SQL fundamentals:
  - SELECT, INSERT, UPDATE, DELETE
  - Table creation
  - Data validation
- PHP–MySQL integration

Tools & Technologies

- Git & GitHub (version control)
- Visual Studio Code
- Node.js (basic setup)
- XAMPP (Apache, MySQL, PHP)
- Ubuntu Linux (VirtualBox)
- Windows 11
- OBS Studio (screen recording for demos)

Projects

Quiz Game Application - Python

Technologies: Python

- Designed and implemented a console-based quiz game
- Used functions to structure reusable logic
- Implemented score tracking and user feedback
- Validated user input to prevent crashes
- Improved program readability and maintainability

Scrolling Road Game - Pygame

Technologies: Python, Pygame

- Developed a 2D scrolling road game from scratch
- Implemented smooth background transitions
- Added acceleration and deceleration mechanics
- Integrated sound effects for movement and braking
- Focused on performance and gameplay smoothness

Student Registration System - PHP & MySQL

Technologies: PHP, MySQL, HTML, CSS

- Built a student registration form with backend validation
- Implemented database insertion and retrieval
- Connected PHP scripts to MySQL database
- Debugged issues related to empty tables and data flow
- Ensured secure and structured data storage

Personal Portfolio Website

Technologies: HTML, CSS, GitHub Pages

- Designed and deployed a static personal website
- Showcases projects and technical skills
- Hosted using GitHub Pages
- Used GitHub for version control and testing

Academic Background

Bachelor of Computer Science *(Ongoing)*
 Key Areas of Study:

- Programming fundamentals
- Data structures basics
- Web technologies
- Databases
- Software logic and problem solving

Relevant Experience

Freelance & Academic Projects

- Assisted peers with debugging Java and Python programs
- Built small applications for coursework and practice
- Implemented logic-based solutions under time constraints

Soft Skills

- Strong analytical and problem-solving skills
- Clear written and verbal communication

- Ability to learn new tools quickly
- Reliable and deadline-focused
- Comfortable working independently or with guidance

Availability & Work Preference

- Available for:
  - Small development gigs
  - Java & web assignments
  - Bug fixes and code debugging
  - Short-term freelance projects
- Open to remote work and flexible schedules

Additional Information

- Actively learning advanced Java and full-stack development
- Familiar with GitHub workflows and collaborative coding
- Comfortable explaining code and documenting solutions