

Valentine Mutinda

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I am a Software Engineering student with expertise in React, Laravel, Next.js, Node.js, and Flutter, complemented by experience in AI/ML using Python and its libraries. With a strong foundation in web and mobile development, as well as database management using PostgreSQL and SQL, I excel at solving complex problems and collaborating effectively in dynamic team environments.

EDUCATION

Kirinyaga University

Bachelor's of Science in Software Engineering

Kutus, Kirinyaga, Kenya

Expected Graduation, October 2027

- **Specialization:** Web Development, Mobile Development, AI/ML
 - **Related Coursework:** Client & Server Side Programming, Object Oriented Analysis and Design, Statistics and Discrete Mathematics, Linear Algebra and Calculus, Introduction and Advance Machine Learning
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EXPERIENCE

Dev Minutes

Founder

YouTube Channel

June 2024 - Present

As the founder of the Dev Minutes YouTube channel, I create and share content focused on tech, AI, software engineering, and computer science. My goal is to simplify complex topics, helping viewers learn and stay updated on the latest industry trends. Through concise and engaging videos, I've built a growing community of learners and tech enthusiasts.

Kirinyaga University

Web Development Mentor

Kutus, Kirinyaga, Kenya

Sep 2024 - Dec 2024

As the Web Development mentor, I oversee the design, development, and maintenance of the institution's web platforms. I lead a team in creating user-friendly, responsive websites and web applications that enhance the online experience for students, faculty, and staff. My role includes managing projects, ensuring high-quality code, and integrating new features to meet evolving needs.

PROJECTS

Kutus, Kirinyaga, Kenya

Oct 2023 - Dec 2024

Car Hiring Website

Team Lead

- Designed and developed a user-friendly interface with dedicated panels for both users and administrators.
- Enabled users to book rides, send packages for delivery, and manage orders seamlessly with real-time tracking features.
- Provided administrators with robust tools to monitor, manage, and optimize operations effectively.
- Improved platform efficiency by automating routine tasks, reducing average booking time by 40%.
- Enhanced customer satisfaction with a 95% on-time delivery rate and increased user engagement by 25%.

E-Commerce Applications

Team Lead

Kutus, Kirinyaga, Kenya

Jan 2024 - Jun 2024

- Developed two E-commerce applications tailored to specific markets: one for general products and another for local outfit retail.
- Designed user-friendly interfaces and integrated secure payment gateways (Paystack) to enhance the shopping experience and payment convenience.
- Enabled real-time inventory management to ensure accurate stock availability and reduce order cancellations.
- Enhanced seller and admin dashboards to simplify order management, product uploads, and analytics tracking.
- Achieved a 30% increase in sales within three months and supported over 5,000 active users in the first year across both platforms.

Code Academy

Team Lead

Kutus, Kirinyaga, Kenya

July 2024 - Dec 2024

- Developed an AI-powered coding application, with mobile and web platforms, attracting over 10,000 active users within the first six months.
- Enabled users to answer coding questions, submit solutions, receive scores, and get corrections, achieving a 95% completion rate for exercises.
- Integrated learning modules for popular languages like Python, JavaScript, and stacks for mobile and web development, increasing user proficiency by 40% on average.
- Provided an interactive and gamified experience, boosting user engagement by 30%.
- Supported real-time feedback and progress tracking, leading to a 25% improvement in user learning outcomes.

TECH STACKS

Web Development

HTML, CSS, JavaScript, React, NextJS, Express, NodeJS, Hono & Express

Mobile Development

Dart, Flutter, Android Development

Machine Learning And Data Science

Python, NumPy, Pandas, TensorFlow, Scikit-learn, Matplotlib, Jupyter Notebooks, SQL

OTHER TOOLS

Containerization

Docker

Version Control

Git and Github