

MOSES KIPNGETICH KIPTOO

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OBJECTIVE

A highly motivated individual with a strong foundation in software development, database management, and mobile application development. Passionate about building innovative and efficient solutions using technologies like Java, Firebase, and web development frameworks. Seeking opportunities to apply problem-solving skills and technical expertise in real-world projects while continuously learning and adapting to emerging technologies.

SKILLS & ABILITIES

- Programming Languages: Java, PHP, JavaScript, C++
- Mobile App Development: Android Studio (Java), Firebase integration
- Web Development: HTML, CSS, JavaScript, PHP, React
- Database Management: Firebase Realtime Database, MySQL, XAMPP
- Software Tools & Platforms: VS Code, Android Studio, Git/GitHub
- Cloud & Hosting: Firebase Hosting, Web Deployment
- Problem-Solving & Debugging: Strong analytical skills in troubleshooting code and optimizing performance
- Collaboration & Communication: Effective teamwork, technical documentation, and user-centered design thinking
- Cybersecurity Awareness: Basic understanding of data security, authentication, and role-based access control

EXPERIENCE

Academic Projects: Developed a mobile application and an admin web system using Java, Firebase, and PHP, integrating user authentication, role-based dashboards, and real-time data synchronization.

Database Management: Designed and managed Firebase Realtime Database structures for user data, course enrollments, feedback systems, and inventory management.

Web Development: Built interactive dashboards and web pages using PHP, JavaScript, and Firebase, displaying real-time data from multiple database tables.

EDUCATION

Bachelor of Science in Mathematics and Computer Science

Kenya Methodist University — Expected Graduation: December 2025

- **Key Courses:** Advanced Algorithms, Software Engineering, Data Structures, Database Management, Mobile Computing
- **Leadership Role:** Representative of School of Science and Technology, 2023
- **Affiliations:** Active Member of Kenya Methodist University Innovation Club

High School certificate

ST ANTHONY'S BOYS HIGH SCHOOL-KITALE — Graduated: 2021

- **Grade:** B

Primary School Certificate

ST MARYS PRIMARY SCHOOL-MOGOTIO — Graduated: 2017

KCPE Marks: 353

CERTIFICATIONS

- Networking Devices and Initial Configuration — Cisco NetAcad (November 2024)
- Network Support and Security — Cisco NetAcad (October 2024)
- Vulnerability Assessment and Risk Management — Cisco NetAcad (January 2024)
- Advanced C++ — Cisco NetAcad (March 2023)
- Cybersecurity Essentials — Cisco NetAcad (November 2022)
- Get Connected — Cisco NetAcad (November 2022)

REFEREES

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