

DERRICK KIPKEMOI

Mobile App Developer

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Professional Summary

A dedicated and result-oriented **Mobile App Developer** with over 3 years of hands-on experience in building and optimizing native Android applications. Skilled in **Kotlin**, **Java**, and various Android development tools, I have a deep passion for creating clean, maintainable, and scalable code, adhering to **MVVM**, **Clean Architecture**, and industry best practices. I bring expertise in **Jetpack Compose**, **Retrofit**, **Kotlin Coroutines**, and **Dependency Injection** using **HILT** and **KOIN**. I'm driven to solve complex problems while ensuring efficient, user-centric applications. Looking forward to contributing to impactful projects in a collaborative team environment.

Core Competencies

Android App Development: Proficient in creating high-quality native Android apps using Kotlin and Java.

- **Jetpack Compose:** Expertise in using Jetpack Compose for modern UI development.
- **MVVM, MVP, MVC Architectures:** Proficient in using design patterns for scalability and maintainability.
- **Kotlin Coroutines & Concurrency:** Experience in managing background services with Kotlin Coroutines.
- **Retrofit & RESTful APIs:** Seamless integration with back-end services using Retrofit and RESTful APIs.
- **Data Management:** Skilled in **Room-db**, **Preference DataStore**, and handling offline storage.
- **Testing & Quality Assurance:** Knowledgeable in testing frameworks such as **JUnit**, **Mockito**, and **Espresso**.
- **Version Control (Git):** Proficient in Git for version control and collaboration.
- **Team Collaboration:** Effective communicator and collaborator with cross-functional teams.

Professional Experience

Android Developer

Freelancer, Kenya

January 2020 - Present

- Developed and maintained native Android apps for diverse clients using **Kotlin** and **Java**.
- Implemented **UI/UX** best practices to enhance user experience and application performance.
- Integrated APIs and databases (**Room-db**, **MongoDB**) for dynamic app functionality and offline capability.
- Conducted comprehensive **unit** and **automation testing** to ensure app stability and performance.
- Contributed to code documentation and knowledge-sharing across teams for easy codebase maintenance.

Android Developer

Angello Pharmaceuticals, Bomet Kenya

January 2023 - December 2023

- Led **UI/UX** design, developing intuitive interfaces with custom components for mobile and tablet devices.
- Integrated **Google Maps API** for real-time location services and hospital data updates.
- Enhanced app security by implementing Android 12 features like **certificate pinning**.
- Improved code performance through **Room-db** integration, leading to optimized data caching.
- Delivered a 30% reduction in bugs through enhanced **automated testing**.

ReactJS Developer

Hela Capitals Ltd

February 2022 - September 2022

- Collaborated with UX/UI teams to deliver responsive and visually appealing web applications.
- Improved app efficiency through code reviews and automated testing, increasing stability by 20%.
- Maintained active communication with stakeholders, achieving over 95% satisfaction.

Software Developer Intern

Family Health International (FHI 360)

September 2017 - September 2019

- Developed cross-browser, responsive web pages using **HTML5**, **CSS3**, and **JavaScript**.
- Actively contributed to daily **SCRUM** meetings and collaborative project management.
- Optimized web components for maximum performance across web-enabled devices.

ICT Clerk

Independent Electoral and Boundaries Commission (IEBC), Nakuru, Kenya

May 2017 - August 2017

- Provided first-level ICT support, ensuring operational efficiency during electoral processes.
- Configured and tested **KIEMS kits**, ensuring their readiness for election day.
- Trained and supported electoral officers in technical matters, enhancing overall performance.

Education

Bachelor of Science in Computer Science

Masinde Muliro University of Science and Technology

December 2012 - December 2017

Kenya Certificate of Secondary Education (KCSE)

Tengecha Boys High School

2008 - 2011

Technical Skills

Languages: Kotlin, Java, ReactJS, JavaScript, HTML5, CSS3

- **Frameworks/Tools:** Jetpack Compose, Retrofit, HILT, KOIN, Room-db, MongoDB
- **Testing:** JUnit, Mockito, Espresso
- **Version Control:** Git, GitHub
- **IDE:** Android Studio

