

DERRICK KIPKEMOI

Android Native | KMM Developer

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SUMMARY

As a results-driven Software Engineer with a penchant for thinking outside the box, I am passionate about devising innovative software solutions. With over three years of expertise in mobile app development, including Android native and Kotlin Multiplatform (KMM), I have honed my skills to deliver exceptional results in this domain. Additionally, my two years of experience in developing ReactJS web applications have further solidified my proficiency in the field. I am well-versed in a variety of programming languages and technologies, including Kotlin, Java, JavaScript, React, and NodeJS, and I have a strong command of NoSQL databases, particularly MongoDB. My dedication to Clean Architecture underscores my commitment to creating structured and maintainable code. I am eager to bring my technical acumen and innovative mindset to your team, ensuring the delivery of high-quality software solutions.

EXPERIENCE

Android Developer

01/2020 - Present

Freelancer

Kenya

- Seasoned Android Developer with over 3 years of expertise crafting native applications for prestigious clients.
- Proficient in Kotlin and Java, ensuring robust and efficient code.
- Committed to clean coding standards, adhering to DRY and KISS principles.
- Skilled in unit and automated testing to maintain high-quality software performance.
- Rigorous in producing well-documented code for seamless maintenance and updates.
- Adept in implementing UI/UX best practices to enhance user satisfaction.
- Experienced with both NoSQL and SQL databases, optimizing data management.
- Proficient in API integration, facilitating seamless communication between applications.
- Capable of developing sophisticated web services to extend application functionality.

Android Developer

01/2023 - 12/2023

Angello Pharmaceuticals

Bomet, Kenya

- Spearheaded UI/UX design and development, excelling in requirement analysis, creative design solutions, and agile implementation.
- Mastered advanced screen layouts utilizing custom components, Action Bars, and innovative Lazy Columns, ensuring dynamic and responsive interfaces.
- Ensured UI/UX consistency and performance across diverse Android devices, optimizing for both mobiles and tablets.
- Demonstrated strong team collaboration skills, contributing effectively in daily scrum meetings.
- Integrated Google Maps API for location-based services, enhancing user experience with real-time hospital and pharmacy data retrieval.
- Pioneered Android 12 features, focusing on network security enhancements, certificate pinning, and secure connection protocols.
- Implemented Room database integration for seamless offline data caching in Android applications.
- Boosted code quality and efficiency by 20% through the adoption of automated testing and unit tests, reducing bug-related setbacks by 30%.
- Applied Proguard for superior code optimization, obfuscation, and size reduction, ensuring a streamlined, high-performance application.

SKILLS / TOOLS

Skills

- Android App Development
- ReactJS App Development
- NodeJS Express Backend
- Development GitHub VCS
- Team Leadership
- Problem Solving

Tools

- MVVM, MVC, MVI
- Kotlin(Android, KTOR)
- Java (Android)
- Android Jetpack
- DI with KOIN/HILT
- ExoPlayer
- Retrofit
- MongoDB
- Android RoomDB
- Android Studio
- Clean Architecture

EDUCATION

Computer Science - Second Class Honours

Masinde Muliro University of Science and Technology

2012 - 2016

Kenya Certificate of Secondary Education.

Tengecha Boys High School : A-

2008 - 2011

FIND ME ONLINE

 <https://www.linkedin.com/in/kipkemoi-derrick>

 <https://stackoverflow.com/users/11355493/derrick-kipkemoi>

 <https://github.com/derekipkemoi>

EXPERIENCE

ReactJS Developer

02/2022 - 09/2022

Hela Capitals Ltd

Location

- Collaborated with UX/UI design teams to enhance application aesthetics and functionality.
- Crafted responsive, cross-browser web pages utilizing HTML5, CSS3, and JavaScript (React, Saga).
- Advanced code quality and reduced debugging time by implementing automated testing and unit tests.
- Maintained active dialogue with stakeholders, securing over 95% satisfaction with delivered solutions.

Web Developer

09/2017 - 09/2019

Family Health International (FHI 360)

Location

- Collaborated with UX/UI design teams to enhance user interface aesthetics and facilitate efficient development.
- Developed responsive, cross-browser web pages utilizing HTML5, CSS3, and JavaScript.
- Optimized web components for peak performance across diverse web-enabled devices.
- Implemented automated testing frameworks and unit tests, significantly reducing bugs and improving code quality.
- Actively engaged in team coordination and contributed to daily SCRUM meetings for streamlined project management.
- Executed website deployment, including live server launch, domain configuration, reverse proxy setup, and SSL certification.
- Maintained website functionality, ensuring continuous updates and optimal performance.

ICT CLERK

05/2017 - 08/2017

Independent Electoral and Boundaries Commission (IEBC)

Nakuru, Kenya

- Delivered first-level ICT support services, ensuring rapid resolution of technical issues to maintain optimal operational efficiency at the tallying centre.
- Streamlined user experience by swiftly addressing service requests and inquiries, facilitating effective workflow.
- Prepared, configured, and tested KIEMS kits, guaranteeing readiness for election processes.
- Collaborated with CICT to provide comprehensive technical assistance to Presiding Officers, Deputy Presiding Officers, and clerks during elections.
- Maintained KIEMS kits in peak condition, ensuring consistent functionality and full charge.
- Executed data backup and restoration protocols for KIEMS Kits to safeguard electoral integrity.
- Contributed to the development of electoral staff by training Support Electoral Trainers, Presiding Officers, Deputy Presiding Officers, and Clerks.
- Fulfilled additional responsibilities as directed by the Returning Officer, demonstrating versatility and commitment.