Abraham Kiplagat Kurere

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✉ kurerelagat01@gmail.com   💼 abraham-kiplagat-237226241   ⓖ AbrahamKiplagat   🌐 Portfolio Website

Technical Skills

Languages: Javascript, Kotlin, PHP, Dart, TypeScript, , Java, Python, Flutter
Technologies: React.js, Angular, Vue.js,Express.js, jQuery, Bootstrap, Laravel, Node.js, Android SDK, iOS SDK, Symfony
Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Agile Methodology, Cloud Computing

Internship at FlutterConKE

Successfully completed an internship at **FlutterConKE**, a leading platform for Flutter developers. Contributed to the development of cross-platform mobile applications using **Flutter** and **Dart**, delivering high-quality solutions for real-world use cases.

Gained hands-on experience in:

- Implementing **state management** solutions (e.g., Provider, Bloc) to build scalable and maintainable applications.
- Integrating **RESTful APIs** and third-party libraries to enhance app functionality.
- Designing intuitive and responsive **UI/UX** using Flutter's widget system and Material Design principles.
- Collaborating with a team of developers using **Agile methodologies** and version control tools like **Git**.

Played a key role in the development and deployment of the official FlutterConKE app, available on the **Google Play Store**: https://play.google.com/store/apps/details?id=dev.flutterconke.app.

Internship at Safaricom

Completed an internship at **Safaricom**, Kenya's leading telecommunications company. Contributed to the development and maintenance of enterprise-level software solutions, gaining exposure to large-scale systems and cutting-edge technologies.

Key responsibilities and achievements:

- Assisted in the development of internal tools and applications to streamline business processes.
- Collaborated with cross-functional teams to troubleshoot and resolve software issues, ensuring system reliability.
- Gained hands-on experience with **Java**, **Spring Boot**, and **SQL** for backend development.
- Participated in code reviews and contributed to improving code quality and maintainability.

Enhanced my understanding of software development best practices, including version control, testing, and documentation, in a fast-paced corporate environment.

Attachment at Space Ya Tech

Successfully completed an attachment at **Space Ya Tech** (https://www.spaceyatech.com/), a dynamic and innovative institution. Gained hands-on experience in software development, collaborating with a talented team to deliver high-quality solutions. Enhanced my skills in problem-solving, teamwork, and adapting to fast-paced environments.

Projects

Apex CRM | *Laravel, Filament, PHP*
- The application streamlines customer interactions and improves business relationships, enhancing customer retention and driving sales growth: https://github.com/AbrahamKiplagat/Apex-crm.
- Efficient handling of customer information including contact details, interaction history, and preferences.
- Assigning and tracking tasks to ensure timely follow-ups and improved productivity.
- Secure access control with multiple user roles ensuring data integrity and confidentiality.

Hotel Management System | *Flutter (Dart), Firebase*

- Developed a comprehensive Hotel Booking application to showcase proficiency in Flutter and Dart for the frontend and Firebase for the backend as a service.
- The app allows users to search for hotels, view details, and make bookings seamlessly.
- Achieved high code quality and maintainability through effective use of state management and modular design. https://github.com/AbrahamKiplagat/Hotel.

News Website | *React.js, MongoDB, Node.js, Express.js*
- The website aggregates news articles from various sources and displays them in a user-friendly format.
- Users can search for specific news articles and filter them by categories such as sports, technology, and politics.
- Delivered a fully functional and visually appealing news website, enhancing user engagement. https://github.com/AbrahamKiplagat/News-Website.

Church Sermons App | *Flutter (Dart), Firebase*
- Developed a cross-platform mobile app for a church to manage and share sermons with its congregation.
- Implemented features such as sermon categorization, search functionality, and live streaming for an enhanced user experience.
- Integrated Firebase for real-time database management, user authentication, and cloud storage of sermon files.
- Designed an intuitive and responsive UI to ensure accessibility for users of all ages. https://github.com/AbrahamKiplagat/church-sermons.

Music Recommendation App | *Flutter (Dart), Firebase, Machine Learning*
- Developed a personalized music recommendation app that suggests songs based on user preferences and listening history.
- Integrated a machine learning model to analyze user behavior and provide tailored recommendations.
- Implemented features such as playlist creation, song search, and offline playback for a seamless user experience.
- Utilized Firebase for user authentication, real-time database, and cloud storage of music metadata.
- Designed a modern and user-friendly interface to enhance engagement and usability. https://github.com/AbrahamKiplagat/Music-Recommendation-App.

Events Management System | *Node.js, React.js, MongoDB*
- Developed a full-stack web application for managing events, including event creation, registration, and attendee management.
- Utilized Node.js and Express.js for the backend API, ensuring efficient handling of event data and user requests.
- Implemented a responsive frontend using React.js, enabling users to browse events, register, and view event details seamlessly.
- Integrated MongoDB for database management, ensuring scalability and efficient data storage for events and user information.
- Designed an intuitive user interface with features such as event filtering, search, and real-time updates. https://github.com/AbrahamKiplagat/events-management-system.

Education

Institute of Software Technologies	May 2023 – May 2024
Software Development (Distinction)	*Nairobi, Kenya*

- **Relevant Coursework:** Full Stack Development (MERN, MEVN Stack, Laravel), JavaScript, PHP, and Android App Development using Flutter (Dart)

Certifications

Google Africa Developer Scholarship (GADS)	June 2022 – June 2023
Certificate in Android App Development (Distinction)	*Online*

- **Relevant Coursework:** Android App Development (Kotlin)

Referees

Mr. Edwin — Software Developer Trainer
Institute of Software Technologies — *Phone: +254-725-169-182 — Email: edwin@isteducation.com*

Mr. Sam Kiragu — Software Developer Trainer
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Mr. Edward Kabue — Software Developer Trainer
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Mr. Jerry Omollo — Mentee, Google Africa Developer Scholarship (GADS)
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