LAURA NYAAGA
SOFTWARE DEVELOPER

CONTACT

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🐙 GitHub

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EDUCATION

Akirachix

codeHive - Diploma in Information

Technology
Februrary 2024 - Present

COURSES

Frontend Development
- JavaScript D.O.M Manipulation
- HTML & CSS Unit Structure
- Consuming RESTful APIs
- React Framework
- Next.js/Node.js

Backend Development
- OOP Concepts in Python
- Using Django to create Webapps
- Building REST APIs
- CI/CD Pipelines

Mobile Development
- Manipulating Layout in Code
- RecyclerViews and RecyclerViewAdapter
- Kotlin APIs And Networking
- Architecture Patterns

Data And Software Architecture
- Algorithmic Problem Solving
- Architecture Models
- Product Design
- SQL & Database Management
- Data Science

Product Management
- Product LifeCycle
- Product Prioritisation
- Product Management Leadership

REFERENCES

Linda Kamau
Founder & Executive Director,
AkiraChix
lkamau@akirachix.com

Esther Olga Akello
Software Developer,
Araknerd
olgaestherakello@gmail.com

PROFILE

In our interconnected world, data insecurity has become a critical issue affecting businesses, and companies alike. The rapid evolution of technology has brought numerous benefits but has also introduced vulnerabilities that malicious attacks can exploit. As a software developer, Laura prioritizes data privacy rights and is committed to implementing secure practices. Her unwavering commitment to securing this information drives her to integrate robust control measures and data anonymization techniques to create a secure online environment where users can interact with confidence and privacy.

SKILLS

- Ability to develop backend systems using the Django framework, including ORM for databases and as well as building REST APIs.
- Experience with RecyclerViews and RecyclerViewAdapter for efficient display of large data sets in Android applications and ensuring responsive user interface.
- Experience in developing high-performance web applications using Next.js, including server-side rendering, static site generation, and API routes to optimize application performance.
- Experience using Kotlin APIs and networking libraries for mobile app development enabling efficient mobile applications that can interact with various web services.
- Knowledge in various architecture patterns, such as MVVM and MVP, which help in creating scalable and maintainable mobile application.
- Knowleageable in data science techniques and tools, which allows analysis and interpretation data effectively and make data-driven decisions hence improving product features.
- Able to implement D.O.M manipulations and event handling enabling dynamic and interactive user interfaces.
- Ability to consume RESTful APIs in JavaScript as well as develop dynamic and interactive web applications using React.Js.
- Strong understanding of Object-Oriented Programming concepts in Python for fundamental building of robust and maintainable backend systems.
- Experience with database system including MySQL and PostgreSQL, with experience in optimizing queries and managing data efficiently to enhance performance and scalability.
- Familiar with product management tools such as Jira for writing user stories, promoting teamwork, and managing agile sprints efficiently.
- Ability to use design tools such as Adobe XD and Figma to transform design concepts into functional user interfaces and aesthetically pleasing user interfaces.
- Experience with version control systems like Git and GitHub.

PROJECTS

TotoSteps Mobile App
This project is a mobile application designed to support parents in tracking and understanding developmental milestones for children under three years. Below is the link to the detailed documentation of the product.

TotoSteps Detailed Documentation

M-Connect
This mentorship platform connects mentors and mentee providing user-friendly features for tracking progress, outlining goals and planning task. The site enhances mentorship accessibility with an intuitive and responsive design.
https://github.com/Laura-Nyaaga/school-mentorship-website.git

Restaurant Food Website
FoodHouse is a responsive Next.js restaurant website featuring an interactive menu with dish details and prices. It offers a smooth browsing experience with optimized UI/UX design for easy menu exploration.

https://github.com/Laura-Nyaaga/foodhouse-restaurant-next-js.git