

KININGU STEPHEN

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PROFESSIONAL SUMMARY

Graduate **Software Engineer** with 3+ years' experience working as Software Developer in building scalable applications, Software architecting and deploying secure applications using **Django, React** and More. Having completed a Master's degree in Information Technology from Birkbeck University of London. Proficient in integrating scalable applications in Development. Able to utilize **CI/CD** pipelines to develop applications and **APIs** while optimizing scalability. quick adoption of new techniques and technologies. promoting industry-leading standards and refining solutions to outperform security and functionality requirements. Renowned for working with partners from different functional **domains** and converting challenging specifications into sophisticated **software designs** and **implementations**.

Looking for a Software Developer position where I can use my technical expertise and creative spirit to help design safe, customer-focused solutions.

SKILLS

- Technologies: **HTML5, CSS3, JavaScript, Python.**
- Databases: **DBMS, MongoDB, MySQL, Postgres, SQL.**
- Frameworks: **Django, Bootstrap, React, Node.js.**
- Infrastructure: **Agile, API, UX/UI design.**
- Version Control :**Git, Github.**
- Cloud: **Amazon Web Services(Aws).**
- Others: **Bash scripting, Bug Fixing, Test-Driven approach, Font Awesome, Google Fonts, Materialize.**

EDUCATION

Front End Software Engineering Diploma **2023**

The Learning People

Modules: Web Development in **Node.js**, Handling User Inputs with **Bootstrap forms**, **CSS** for styling web applications, **React JS** for creating components and **RestAPI** for fetching data from **backend**.

Msc. Information Technology **2022**

BirkBeck, University Of London

Pursued a Master of Science in Information Technology. These are some of my achievements:

Coursework: Expertise in Applied Software Engineering, Database Management, Innovation, Management and Policy, Information Systems, Network Security, and Concepts of Computation. Notable projects in software development, database optimization, and policy analysis demonstrate practical application of theoretical knowledge. Consistently maintained academic excellence while fostering adaptability, collaborative skills, and innovative problem-solving. Positioned as a proficient candidate in computer science and information technology.

Bsc. Chemistry and Biology **2006**

University of East Africa, Baraton

Pursued a bachelor of science in Biology and Chemistry. These are some of my achievements:

Through hands-on laboratory work, I developed practical skills in experimentation, analysis, and scientific inquiry. This interdisciplinary approach has prepared me for diverse career opportunities in research, health-care, environmental science, and related fields

PROJECTS

Project 1: E-Commerce Shop – Raia Kenya (HTML, Bootstrap, Django, Python, JavaScript)

Description: I collaborated with two fellow members to develop an impactful e-commerce platform for Raia Kenya. The resulting website offers users the choice between home delivery and nearby pickup points in Nairobi, Kenya. We employed a strategic blend of tools, including **HTML, Bootstrap** for design, **Django Python** for robust backend logic and user authentication, and **JavaScript** for streamlined user navigation, resulting in a user-centric solution that greatly enhances the shopping experience for Raia Kenya's customers.

Link: <https://raiakenya.co.ke/>

Project 2: Small scale farmers SMS product update – Master's Research Project Birbeck(HTML, CSS, Bootstrap, Python, Flask)

Description: During my MSc in Information Technology at Birkbeck, University of London in 2022, I led the development of an impactful solution for small-scale farmers in East Africa. This application delivers personalized planting procedures and advisories via text messages, considering individual agricultural preferences and geographical factors. Leveraging tools like **HTML, CSS, Bootstrap, Python, Flask, Bootstrap, Schedule Library, Twilio's two-way SMS**, and **SQL**, I showcased my technical skills and commitment to using technology for positive change in farmers' lives.

Link:<https://github.com/kinin01/Application-to-help-small-scale-farmers-in-East-Africa-attain-quality-farm-produce->

Project 3: Portfolio Website(HTML, CSS, Javascript, and Bootstrap)

Description: Crafted an impressive and interactive personal portfolio website to showcase a collection of my latest projects. Demonstrated prowess in web development by seamlessly integrating **HTML, CSS, and JavaScript**, while harnessing the power of the **Bootstrap** for enhanced responsiveness and aesthetics. Elevated the online presence by deploying the portfolio on **GitHub Pages**, reaching a wider audience and underscoring a commitment to sharing accomplishments with the world..

Tools and technologies **HTML, CSS, Javascript, and Bootstrap** and hosted it with **GitHubpages** Link:

<https://kinin01.github.io/kinin01.github.io/>

WORKING EXPERIENCE

JaGedo Tech. Nairobi, Kenya – Contract

JAN 2023 - Nov 2023

Jagedo is a platform that aims to address the challenges faced by individuals, households and communities in the construction sector. The platform aims to provide a one-stop solution for addressing household communities and construction challenges by onboarding professionals and contractors.

Some of my duties include but not limited to:

- Building robust and secure backends and developing Apis for the application that is rendered through user friendly interfaces that is React JS components and some of CSS styling
- Authentication using JWT (JSON Web Tokens)
- Embracing test driven development, for easier understanding of errors possible in the development stage.
- Deployment through docker containerization and deployment platform
- Front-end hosting through Google Firebase and backend through digital ocean.
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Hymara Tech. Nairobi, Kenya – Part Time

Mar 2022 - DEC 2022

Hymara is a tech **startup** in kenya that aims in building education technology in which include tech savannahs for young kenyans.

Some of the achievement include:

- Designed **Prototype** and pitched new idea for new school management system (**SYMS system**)
- Build the entire code base with some other developers and brought version 1 of SYMS to customers.
- Trained and onboarded clients on version 1 of SYMS.

Raia Kenya. Nairobi, Kenya — Contract

JAN 2021 - AUG 2021

In a collaborative effort with team members Hillary Kisera and Claudius Mango, I played a pivotal role as a **fullstack developer** in architecting and crafting the core software infrastructure for Raia Kenya. Our mission was to empower seamless online shopping experiences for customers primarily engaged in footwear and electronics transactions within Nairobi. Through strategic development and innovation, we effectively facilitated the company's online operations, enhancing their capabilities to cater to clients' needs more comprehensively.

Some of the achievements include but not limited to:

- Transformed User Interaction: Spearheaded the creation of dynamic **Bootstrap forms**, revolutionizing the user input experience at the **frontend**. Simultaneously, architected **Django forms** for seamless user authentication, ensuring a secure backend process.
- Elevated Online Store Performance: Orchestrated the successful deployment and continuous enhancement of the Raia online store (raiakenya.co.ke) via **Heroku hosting platform**. Leveraged GitHub integration for real-time code updates, leading to an optimized online shopping journey for discerning users.
- Catalyzed Shopping Convenience: Pioneered the seamless integration of an advanced online shopping cart tool into the company's website. This innovation magnified customer engagement and conversion rates by simplifying the shopping process, thereby enhancing customer satisfaction.

Tools and technologies: **html, bootstrap, django python and javascript.**

CERTIFICATIONS

1. GitHub Learn Codecademy

Took a learning path to master the github as a pipeline for CI/CD development journey

[click here to view credentials](#)

2. Udemy

100 Days of Code-The Complete Python Pro Bootcamp for 2023 on 12/17/2022 as taught by Dr. Angela Yu.

3. Aws certified Developer

AWS Certified Developer, showcasing my expertise in designing and deploying scalable applications on the **AWS** platform. This certification underscores my commitment to staying current with cloud technologies and positions me as a skilled professional in **AWS** development best practices

[Click here to show Credentials](#)