Julius Njeru

Senior software Engineer | Full-Stack Software Developer

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EXPERIENCE

RiverCross Tracking LTD, Kenya — *Full Stack Software Engineer*

AUGUST 2024 - PRESENT

- Design and write efficient, scalable and well documented backend code using Python and Django.
- Design API endpoints and implement security measures on the endpoints.
- Write clean and modular frontend code.
- Design mockups for frontend and mobile work.
- Design database schemas and write the queries for it.
- Deploying and testing the code implemented functionalities against the requirements.
- Training internal staff in the usage of the software.
- Server management.
- Writing cron-jobs to sync data from other databases periodically.
- Providing support and troubleshooting issues.

Computer Engineering Forum, Remote — *Full stack software developer*

APRIL 2023 - NOVEMBER 2023

- Designing and implementing the website for the startup as a solo developer.

Freelance on Fiverr, Remote — *Research and development engineer*

FEBRUARY 2022 - JUNE 2024

- Writing thesis for a wide range of topics such as blockchain, cybersecurity and cryptography.
- Writing simple machine learning code to train regression and classification models.
- Researching and Implementing cryptographic algorithms.
- Writing full-blown applications for my clients with full documentation and deployment.
- Solving computational problems on paper and through code.

SKILLS

Backend: Python, Django, Django Rest Framework, C++ (learning).

Frontend: React/Redux, TailwindCSS, Material UI, Bootstrap, JavaScript/ES6, React Native basics, TypeScript, Shadcn UI, Flowbite

Storage: PostgreSQL, MySQL, Redis

Testing: Pytest, Factory Boy

APIs: Google Maps, Africastalking, MPESA daraja, Stripe

Platforms and Tools: Docker, Git, Vercel, Render

Design Work: Figma

AWARDS

Computer networking competitions – Huawei awards

LANGUAGES

English

Swahili.

Coding for entrepreneurs, Remote — *Full stack software developer*

FEBRUARY 2022 - JUNE 2024

- Designed, implemented and maintained software and applications for a lawfirm, an ecommerce venture and a internet bundles vending platform as a solo developer.

EDUCATION

Laikipia Univeristy, Nyahururu, Kenya — *Computer Science*

AUGUST 2019 - DECEMBER 2023

Graduated with second class upper division honours

Kiamuchii Highschool, Chuka — *Highschool diploma*

JANUARY 2015 - NOVEMBER 2018

Graduated with a B plain with leads in Maths and Physics.