John Kinuthia

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EDUCATION

The Co-operative University of Kenya — Main Campus,Karen
Diploma In Computer Science — *Aug. 2023 – Jan 2025*

Power Learn Project — Nairobi ,Kenya
Software Engineering — *Feb 2025 –*

EXPERIENCE

Back-end developer and co-founder — May 2024 – Jan 2025
Nevani Housing — *Nairobi, Kenya*
- Co-founded Nevani housing where i developed a real estate listing api using springboot and mysql to help ease the hassle of house hunting and also help people advertise their property
- Deployed the app on AWS and implemented CI/CD using docker and github actions
- Analyzed software requirements monthly using scikit-learn (classification models) in Python

Back-end contributor — Sep. 2023 – Jan 2024
Fabs — *Online*
- Helped in the deployment and debugging a beauty industry API which helps user digitize most of the processes such as reservations and expert assignments

PROJECTS

ContriOp | *Java, Spring Boot, React, GitHub API, Docker, Jsoup* — Sept – Present
- Developed a full-stack web application to help developers find open source projects and organizations they can contribute to, using Spring Boot to serve a REST API with React as the frontend.
- Implemented GitHub OAuth to get data from user's repositories
- Used GitHub's API to fetch projects with "help wanted" issues.
- Used Jsoup to scrap Github for trending open source projects

Shrtn | *Spring Boot, Java, React, TypeScript, MySQL, Docker* — Feb. 2025
- Developed a free URL shortener microservice that helps users minify their links and access them anytime. The app also allows users to create QR codes for their websites and shortened URLs,saving them to the database.
- Implemented Spring Security and JWT tokens to secure user data.

Codey | *Spring Boot, Java, React,Nextjs TypeScript,Gemini api,Spring ai* — March. 2025
- Codey is a code review AI wrapper on top of gemini API which helps developers to scan for vulnerabilities in their code and also provides ways to fix the code.

Lms | *Spring Boot, Java, React, TypeScript, MySQL, Docker* — March 2025
- A learning management system where learners can log in and enroll to tech courses and learn different technologies.

- Implemented Spring Security and JWT tokens to secure user data.

Healthcare Management System | *Spring Boot, Java, React, TypeScript, MySQL, Docker* — Nov. 2024
- The Healthcare Management System is a web application designed to facilitate interaction between patients and healthcare providers. It enables patients to schedule appointments, manage their medical records, and consult with doctors online.

Exam Scheduler | *Spring Boot, Java, React, TypeScript, PostgreSQL, Docker* — Sept. 2024
- Developed an exam scheduler using a PostgreSQL database and a Spring Boot application to greatly simplify the process of locating exam rooms and times. All information is displayed using a ReactJS application, allowing users to search for exams and create their own personalized schedule, which they can then export to their own calendar.

Fake Store api | *Spring Boot, Java, React,TypeScript, MySQL, Docker* — Nov. 2024
- Developed an online store API that allows frontend developers to interact with backend services for managing products, categories, and shopping carts. This API follows RESTful principles and is built using Spring Boot.
- Deployed the app on Render.

TECHNICAL SKILLS

Languages: Java,TypeScript Python, GO, SQL, JavaScript
Frameworks: Springboot,NextJs, Node.js, Flask, JUnit, Material-UI, FastAPI
Developer Tools:Maven, Git, Docker, AWS, Google Cloud Platform, VS Code, Visual Studio, PyCharm,
IntelliJ,Webstorm,Github Eclipse
Libraries:React, pandas, NumPy, Matplotlib