

# Richard Dushime Iradukunda

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## SKILLS

**Programming Languages:** Python, JavaScript, TypeScript, HTML5, CSS3, Dart, bash.

**Databases:** MongoDB, SQL, ORM, PostgreSQL, No SQL, Database Design.

**Libraries & Frameworks:** Django, Django Rest Framework, Next.js, React.js 18+, Nuxt.js, Vue.js, Angular, Node.js, Express.js, TailwindCSS, Bootstrap CSS, Sanity, Wagtail.

**Tools & Platforms:** Git, Github, Figma, Vercel, Heroku, AWS, Selenium, Jest, Cypress, Jira, Unix, Slack

**Design:** GUI development, UI/UX.

**DevOps & SDLC:** Agile, Docker, Kubernetes, Linux, Scripting, Jenkins, Ansible, GitOps, Terraform

## WORK EXPERIENCE

**Full stack Software Engineer, HABSNS Inc.**

**Apr 2024 - Mar 2025**

- Built and deployed a high-performance fintech app using **Python, Django, and Docker**.
- Specialized in **GUI development** and **UI/UX design** to enhance user experience and functionality.
- Designed user-friendly interfaces with **Vue.js** and **Nuxt.js**, adhering to **UI/UX best practices**.
- Optimized **PostgreSQL** database for efficient data processing and scalability.
- Implemented **CI/CD pipelines** using **Jenkins and GitHub Actions**, ensuring automated deployments and testing.
- Utilized **Docker** for containerized development and deployment, enhancing system reliability and scalability.
- Automated server configurations and deployments using **Ansible**, reducing manual setup time.
- Applied **scripting (Bash, Python)** to streamline DevOps processes and automate repetitive tasks.
- Followed **Agile methodologies**, collaborating cross-functionally to deliver iterative improvements.

**Full stack Software Engineer, Kicstoms Sneakers Ltd**

**Jun 2020 - Apr 2024**

- Developed **user-centric web applications** using **ReactJS, Redux, Django**, and **Figma** for UI/UX design.
- Designed and implemented **responsive UIs**, ensuring accessibility and seamless user experiences.
- Integrated **Algolia** for advanced e-commerce search functionality, enhancing product discovery.
- Optimized **PostgreSQL** database queries to improve application performance.
- Managed deployment and hosting on **Heroku** and **AWS**, ensuring uptime and scalability.
- Implemented **CI/CD pipelines** with **GitHub Actions**, streamlining development workflows.
- Collaborated with teams using **Git** and **GitHub**, following **Agile** methodologies for efficient project delivery.
- Conducted **automated and manual testing** using **Jest and Cypress** to maintain code quality and performance.

**Full stack Software Engineer, Golive Interactive Ltd**

**Jan 2020 - May 2020**

- Contributed to design concepts using **Figma** to enhance user experience.
- Integrated **WordPress CMS** to streamline content updates for clients.
- Developed custom CMS solutions tailored to client needs.

- Collaborated on visually engaging web applications using modern frontend technologies using Elementor.

## PROJECTS

### GUIDE Information Management System

2021 - PRESENT

- Led the development and deployment of a **comprehensive investment management system** for an investment organization, streamlining data and transaction management.
- Designed and implemented a **scalable CMS** with **Django** and a **real-time chat application** using **Django Channels and WebSockets**, improving collaboration.
- Integrated **Docker** for containerized development and deployment, enhancing system reliability and scalability.
- Developed **automated tests** in Django to improve code quality, with a focus on **test automation** to ensure stability across system updates.
- Established **CI/CD pipelines** using **GitHub Actions**, automating testing and deployment workflows for efficient and error-free releases.
- Provided **ongoing maintenance and support**, optimizing system performance based on real-world usage since its deployment in 2022.

## EDUCATION

### Bachelor of Science in Computer Technology

Jomo Kenyatta University of Agriculture and Technology.

May 2016 - June 2022

## LANGUAGES

English, French, Swahili, Kinyarwanda