






RONALD MCGARRET OTIENO

SOFTWARE DEVELOPER

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The automotive industry is undergoing a transformative shift, fueled by cutting-edge software and relentless innovation. With a deep passion for automobiles, I am dedicated to leveraging technology to enhance consumer experiences while driving environmental sustainability. My goal is to contribute to the future of mobility through advancements in vehicle performance, autonomous driving, electrification, and connected car technologies. By focusing on improving safety, efficiency, and reducing environmental impact, I aim to play a pivotal role in shaping a greener, smarter automotive landscape. I am committed to using my skills to create solutions that not only meet today's demands but also pave the way for a more sustainable future in the industry.

Skills

- JavaScript | TypeScript | MySQL | PostgreSQL | React | Next.js | Tailwind CSS | Bootstrap | Python | Django | Scikit-learn | TensorFlow | Git | GitHub | CI/CD | Docker | RESTful APIs | JWT | OAuth | DevOps | Linux | OOP | Frontend | Backend | Full-Stack | Responsive Design | React Native | UI/UX Design | Machine Learning | API Development | DevOps | Firebase | English

Projects

EcoThreads

A comprehensive platform aimed at promoting sustainability by connecting second-hand cloth sellers with recycling companies.

- Built using Next.js for a responsive and interactive frontend.
- Implemented a robust backend with Django, leveraging REST APIs for real-time data synchronization between users and companies.
- Designed an optimized workflow for sellers to list products and for recycling companies to discover available materials.
- Integrated advanced filtering options, enabling efficient product searches.

[\[View Project\]](#)

Peak Studio

A responsive web application showcasing architectural wonders with an emphasis on elegance and interactivity.

- Developed with React to ensure a modern, dynamic, and user-friendly interface.
- Integrated Bootstrap carousels for dynamic image displays, enhancing the visual storytelling of architectural designs.
- Fully responsive design, optimized for desktop, tablet, and mobile viewing.

Delivered an engaging user experience, allowing users to explore projects and gain architectural inspiration.

[\[View Project\]](#)

Panda Gaming Hub

A freelance project designed to support a PlayStation business by promoting electronic products and showcasing available games in a user-friendly digital platform.

[\[View Project\]](#)

Education

Software Development

Zindua Coding School

2024

Referees

Linda Kamau,

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