

DELYCE TWIZEYIMANA

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EDUCATION

BSc Computer Science - GPA: 4.2/5.00

January 2021 - July 2024

The African Leadership University (ALU)

Kigali, Rwanda

Relevant Coursework: Data structures & Algorithm, AI & Machine Learning, Fullstack development, Database systems, Cloud development, User Experience: Research and design

WORK EXPERIENCE

JAVASCRIPT DEVELOPER | DEE.IE | UK(REMOTE) | AUG 2023 - PRESENT

- Joined dee team as a frontend developer using HTML5, Javascript(with an emphasis on DOM manipulation), TailwindCss and worked on the following projects which led to significant achievements such as optimization in page loading times, 25% boost in website traffic and 40% improvement in website performance metrics.
- Engineered the frontend development of a luxurious outdoor accommodation rental pod site. My efforts in creating a user-centric online booking experience resulted in a doubling of visitor engagement within the first three months.
- Pioneered the creation of an independent online platform, Audit My IT, designed to democratize and streamline IT auditing for businesses across the UK.
- Orchestrated the design and implementation of Security App Pro, a revolutionary application aimed at simplifying security management and access control for businesses in Ireland.

SOFTWARE ENGINEER & JUNIOR DEVOPS INTERN | ENACCESS | NETHERLANDS(REMOTE) | MAY 2023 - APRIL 2024

- Implemented CI/CD pipelines, enhancing software delivery efficiency using GitHub Actions and Docker. Achieved a 50% reduction in time-to-market for features and updates, contributing to a 20% increase in customer satisfaction.
- Played a role in transitioning the company's legacy systems to a modern, cloud-based infrastructure using DigitalOcean services. Which enhanced scalability, reliability, and security, facilitating a seamless migration with minimal downtime.
- The successful migration not only streamlined operations but also positioned the company for future growth, enabling more agile responses to market demands and technological advancements. leading to a 30% improvement in system performance and a 20% reduction in operational costs.

FRONTEND ENGINEER FELLOW | WASTEZON | RWANDA | NOV 2022 - MAY 2023

- Spearheaded the development of Wastezon X, leveraging ReactJS, Tailwind CSS, and Redux to architect a responsive and intuitive B2B application, achieving pixel-perfect fidelity across diverse devices in 6 months.
- Engineered seamless API and database integrations in collaboration with back-end developers, ensuring fluid data exchange and robust functionality that underpins the application's core business processes.
- Optimized application performance through meticulous debugging and troubleshooting, culminating in a 40% improvement in response times and a significant enhancement in user engagement and operational efficiency.

FULL STACK DEVELOPER APPRENTICE | ANDELA | RWANDA | NOV 2021 - APRIL 2022

- Collaboratively designed, developed, tested, and deployed an innovative bus simulation app, enhancing user and driver experiences by providing real-time access to bus information, including seat availability and bus location.
- Integrated Leaflet for superior mapping and WebSocket for real-time updates, significantly improving navigation and information accuracy for drivers. Utilized Restful API using nodeJs, Reactjs and tailwind js on frontend.

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

JAVASCRIPT COACH | THE GYM SOFTWARE ENGINEERING TRAINING | RWANDA | SEP 2022 - MAY 2023

- Led the upskilling of over 30 developers in both fundamental and advanced JavaScript concepts, enhancing team competencies and software development capabilities through structured training sessions.
- Instituted weekly technical interviews every Friday covering concepts like DOM, Data structures and algorithm, problem solving techniques, oop, events.
- Directed comprehensive code reviews for various projects, offering constructive feedback to refine code quality, improve coding standards, and accelerate professional growth within the team

PERSONAL PROJECT | FINAL YEAR REAL ESTATE PROJECT | RWANDA | JAN 2024 - APRIL 2024

- Spearheaded the development of an innovative house hunting platform for my final undergraduate project making pivotal architectural decisions to ensure robustness and scalability.
- Employed an Agile methodology for both project management and software development, facilitating rapid iterations and efficient response to changes.
- Utilized Java Spring Boot for the backend, integrating Next.js and Redux within a Tailwind CSS framework on the frontend to deliver a responsive and intuitive user interface.
- Engineered advanced features including a multilingual chatting system using web sockets, offering seamless communication between users; virtual tours, providing immersive property previews; and a Machine Learning-based recommendation system, enhancing user experience with personalized property suggestions.
- Integrated Google Maps API and Google Street View Panoramas to offer users detailed geographical insights and real-time views of properties, significantly enriching the property search experience.

SKILLS & INTERESTS

- Language:** English
- Technical Skills:** HTML5, CSS, TailwindCSS, Javascript, ReactJS, NextJS, RESTful APIS, Nodejs, Java, Springboot, Microservices, Docker, Typescript, Redux toolkit, Agile, DOM, UX & UI, PostgreSQL, MongoDB,
- Soft skills:** Communication, Leadership, Presentation, Problem-solving, Organizational, Collaboration