

Tolulope, Dosu-Idowu

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[LinkedIn](#) | [GitHub](#) | [Bitbucket](#) | [Portfolio](#)

SKILLS

Technical Skills: HTML | CSS | JavaScript | TypeScript | Python | Structured Query Language (SQL) | Server-side Programming | Relational Database | DynamoDB | OOP (Object-Oriented Programming) | Terraform | Linux | AWS | Kubernetes

Frameworks/Libraries: Vue.js | React | Redux | Bootstrap | Tailwind | Vite | Loopback.io | FastAPI | SASS | Node.js

Tools: RESTful API | GraphQL | ES6 | Version control (Git) | GitHub | BitBucket | Jira | Confluence | Figma | Webpack | Jest | Postman | DBeaver | CI/CD (Continuous Integration/Continuous Deployment) | Postgres | Jenkins | Docker | ECR (Elastic Container Registry) | EKS (Elastic Kubernetes Service) | ECS (Elastic Container Service) | Ansible

Soft Skills: Teamwork | Adaptability | Interpersonal skills | Scrum Coordinator | SEO principles | Responsive designs | Cross-browser Compatibility | Browser developer tools | Collaborative Mindset | API Integration | User Experience Design | Performance Testing/Unit test | Documentation | Problem Solving | Analytical | Innovation | Technical Documentation | Time Management | Communication Skills | Organizational Skills | Content Management System | Continuous Learning | Adaptability | Strategic Thinking | Proactive Problem-Solving | Industry Awareness

WORK EXPERIENCE

Software Engineer

Aug 2022 to Present

Arnergy Solar Limited

- Partnered with UI/UX developer to execute web design conversion, creating a transformative user experience on >1008px and <=1007px interfaces; achieved exceptional mobile accessibility with a significant 79% increase in user engagement.
- Collaborated closely with a backend developer and a UI/UX designer to craft a fluid data collection process, which, thanks to our optimized web design, led to a substantial decrease in user drop-off rates, by approximately 30%.
- Contributed significantly to the development of a sophisticated Billing (charging) system that utilizes Vue.js for the frontend and loopback.io for the backend. This advanced system automates the precise debiting of apportioned user accounts on predetermined monthly dates, resulting in a remarkable reduction of over 93% in potential human errors related to erroneous user debits.
- Implemented Vue.js framework to streamline code implementation and eliminate duplicated JavaScript instances, resulting in a 0.5-second reduction in webpage load time and increased scalability for enhanced user experience.
- Elevated the user experience (UX) of the company's WordPress-based subsidiary website, with a particular emphasis on preserving a complete sense of belonging for mobile users on a scale of 90.
- Engineered an integration system application utilizing Python FastAPI, enabling the seamless integration of external APIs into the existing platform. This achievement empowered the team with more than a 90% mastery of these APIs, facilitating intensified implementations and overall performance.

Tutor - National Youth Service Corps

Jul 2021 to Jun 2022

Unique-Success Comprehensive College

- Utilized the diverse capabilities of students to facilitate comprehensive comprehension of various Physics topics, resulting in a notable 55% improvement in the students' learning curve.
- Implemented and spearheaded extracurricular programs within the school to cultivate creativity among students, resulting in a substantial increase in attendance by over 100 students.
- Instructed and mentored students in subjects encompassing Mechanics, Electromagnetism, and Quantum Mechanics, effectively reducing the attrition rate of students transferring from the science department to other departments, achieving a favorable 1:2 ratio.

- Delineated and executed comprehensive lesson plans aimed at deconstructing complex Physics concepts into more digestible components. This innovative approach significantly increased students' retention capacity by an impressive margin exceeding 80%.

IT Specialist

May 2021 to Jul 2021

BlueScript IT Institute

- Formulated and upheld software applications, consistently producing maintainable code and conducting regular software testing and debugging, leading to a substantial reduction in deployment errors by a factor of 2.
- Led and participated in IT projects, ensuring on-time completion within budget, with a 99.9% goal attainment rate.
- Conducted user training for 55 staff members, enabling proficient utilization of IT systems and applications.
- Designed SEO-targeted e-flyers that contributed to approximately two-thirds of the company's initial presence on platforms such as Facebook and Instagram.
- Developed and executed disaster recovery plans for more than 70% of the company's data, safeguarding business continuity in the face of IT system failures or disasters.

Freelancer

Jun 2018 to Aug 2020

Upwork

- Led the development of a custom e-commerce website, resulting in a 41.3% increase in online sales.
- Collaborated with the client to understand their specific requirements and preferences, tailoring the frontend accordingly.
- Implemented responsive design and mobile optimization, increasing mobile traffic by over 20%.
- Integrated third-party APIs for payment processing, shipping, and customer reviews, enhancing the overall shopping experience.
- Provided ongoing maintenance and support, resolving issues and implementing updates as needed.
- Designed and built a user-friendly dashboard for a healthcare data analytics platform, facilitating data visualization and analysis.
- Employed Vue.js to create a dynamic and responsive dashboard that improved user engagement and retention.
- Collaborated with backend developers to ensure seamless integration of frontend and backend components.
- Conducted A/B testing and made iterative improvements to the user interface based on user feedback and analytics data.
- Achieved an 80% increase in user satisfaction and a +19% increase in user retention.
- Maintain the frontend of a 9-year website, ensuring optimal user experience and consistent branding.
- Collaborated with the design team to implement pixel-perfect UI/UX designs.
- Utilized React to create dynamic and interactive user interfaces, resulting in improved user engagement.
- Conducted cross-browser testing and resolved compatibility issues, improving site functionality for all users.
- Actively participated in daily stand-up meetings and weekly project reviews to ensure alignment with project objectives and timelines.

EDUCATION

Adeleke University

Sep 2016 to Jul 2020

B.Sc., Microbiology (GPA: 4.48)

CERTIFICATIONS

Udemy

Mar 2023

[Understanding TypeScript](#)

Udemy

Mar 2023

[Complete Vue Developer 2023: Zero to Mastery \(Pinia, Vitest\).](#)

Udemy

Aug 2022

[How to Unlock Your True Potential.](#)

HubSpot Academy

[SEO Certified.](#)

HubSpot Academy

[Digital Marketing Certified.](#)

May 2022

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