Alan Douglas

Software Engineer

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GITHUB | LINKEDIN | PORTFOLIO

EXPERIENCE

NAIRABOX | MOBILE APPLICATION DEVELOPER   Nigeria-Remote | February 2023 – June 2023

As a Mobile Application Developer at Nairabox, I was responsible for designing and developing mobile applications for both entertainment and fintech purposes. The core stack for our mobile applications was React Native/Expo, which allowed us to create cross-platform apps that provided a seamless user experience. Some of my key activities included:

- Collaborated with the product team to define and deliver mobile app features that met business requirements and user needs.
- Designed and developed mobile application UI/UX using React Native/Expo, implementing responsive design principles to ensure optimal performance across devices.
- Integrated third-party APIs and services to enhance app functionality, including push notifications, geolocation, and analytics tools.
- Conducted thorough testing and debugging to ensure app stability and security.
- Optimized app performance and scalability by implementing best practices for code quality and efficiency.
- Contributed to continuous improvement of the mobile application development process, recommending new tools, technologies, and methodologies.
- Stayed up-to-date with the latest trends and innovations in mobile app development, such as machine learning and voice assistants, and proactively explored ways to incorporate them into our products.

SIMBA | MOBILE DEVELOPER   Nigeria-Remote | September 2022 – May 2023

As a Mobile Application Developer for Simba, I was responsible for designing and developing mobile applications for both e-commerce and fintech purposes. The core stack for our mobile applications was React Native/Expo, allowing for cross-platform development and seamless integration with our backend services. My activities included:

- Collaborating with cross-functional teams to understand business requirements and user needs for new mobile application features and enhancements.
- Developing and implementing mobile application UI/UX designs using React Native/Expo and responsive design principles.
- Integrating third-party APIs to provide additional functionality and improve the overall user experience.
- Conducting thorough testing to identify and resolve any bugs or issues before release.
- Ensuring that mobile applications were scalable and maintained optimal performance.
- Staying up-to-date with the latest trends and advancements in mobile application development and incorporating them into our development process.

LIFEE REMIT | FULL STACK DEVELOPER   United Kingdom-Remote | September 2022 – Jan 2023

While working as a Software Engineer I was internally headhunted to work in the companies innovation wing (Lifee Remit). My activities included:

- Develop and maintain full-stack web applications using React, Nestjs, and MongoDB, integrating with third-party APIs such as Hubspot, Paystack, and Zoho.
- Implement RestAPIs to communicate between the front-end and back-end systems, ensuring high performance, scalability, and security.
- Write clean, reusable, and maintainable code using industry-standard best practices and patterns.
- Conduct code reviews and collaborate with team members to identify and implement improvements.

- Troubleshoot and debug production issues in a timely and efficient manner, ensuring minimal impact on users.

AFRIC WEDDINGS | Full Stack Developer   Nigeria-Remote | July 2021 – November 2022

I designed, developed, and deployed complex web applications using modern technologies such as Reactjs, Typescript, Nodejs, MongoDB, AWS. My Strong understanding of database design and management, as well as experience with integrating third-party APIs such as Fincra and Gocardless proved to be a benefit to the team. My activities included:

- Design and optimize AWS infrastructure for deployment, including managing EC2 instances, S3 buckets, and CloudFormation templates.
- Collaborate with cross-functional teams including designers, product managers, and QA engineers to ensure seamless integration and delivery of features.
- Write clean, reusable, and maintainable code using industry-standard best practices and patterns.
- Troubleshoot and debug production issues in a timely and efficient manner, ensuring minimal impact on users.
- Continuously learn and keep up to date with emerging technologies and best practices, and share knowledge with the team.
- Write clear technical documentation and provide guidance to other developers.

LUTAJ VENTURES | Backend Developer   Nigeria-Remote | October 2020 – July 2021

- Design, develop, and maintain RestAPIs using Nodejs and MongoDB, ensuring high performance, scalability, and security.
- Collaborate with cross-functional teams including front-end developers, product managers, and QA engineers to ensure seamless integration and delivery of features.
- Integrate with third-party APIs such as Web3, Paystack, Google Authenticator, and Flutterwave, ensuring data accuracy and integrity.
- Write clean, reusable, and maintainable code using industry-standard best practices and patterns.

FREELANCE | Freelance web developer   Nigeria | January 2019 – September 2020

- Design and develop basic web pages using HTML, CSS, and JavaScript, following best practices and standards.
- Collaborate with other team members to build simple web applications using popular frameworks such as React, Vue.js, or Angular.
- Write clean, efficient, and maintainable code using modern development tools such as Git, IDEs, and package managers.
- Test and debug web pages and applications, and ensure compatibility across different browsers and devices.
- Continuously learn and stay up-to-date with emerging web development technologies and frameworks.
- Work with the project manager to identify and prioritize tasks, and deliver projects on-time and within budget.

SKILLS

Programming Languages	Javascript, SQL, Typescript, Python
Libraries/Frameworks	Reactjs, React Native, Expo, Nodejs, Nestjs, Bootstrap, Vue, Redux, Django, GraphQL, AWS, Git, Docker, Firebase, Web3
Databases	MongoDB, MySQL, PostgreSQL