

CHRISTOPHER ABRAHAM

SOFTWARE DEVELOPER

PROFILE SUMMARY

With nearly four years of experience, I specialize in building complex web applications, staying updated with the latest trends for competitiveness. I excel in leading collaborative teams to success, guiding and mentoring new developers. Embracing agile methodologies, I drive innovation and deliver impactful solutions, contributing to team growth and success.

SKILLS

- Languages:** HTML, CSS, JavaScript, TypeScript, Ruby, Ruby on Rails
- Frontend:** ReactJs, Nextjs, NextAuth, ReactNative
- Testing:** Jest, React Testing Library, Cypress, Capybara
- Databases:** MongoDB, SQL, postgresql
- APIs:** Restful APIs, Socket.io
- Version Control:** Git, Github, Gitlab
- Other:** Technical Writing, Agile Methodologies.

LINKS

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WORK EXPERIENCE

Software Engineer (Frontend)

Thermolinks

December, 2024- Present

- Spearheaded the development of various web projects using **React.js**, **Next.js**, **TypeScript**, and **Redux** to deliver engaging user interfaces and seamless user experiences.
- Led the development of "**Project Hope**" an orphan application platform, enabling users to register as sponsors or guardians and facilitating support for orphans through financial and academic means.
- Contributed to the development of "**NSP** (Nigeria Startup Portal)," a platform for Nigerian startups to register and apply for government seed funding, similar to LinkedIn for startups.
- Collaborated closely with design and backend teams to translate **UI/UX** designs into functional frontend code, ensuring responsiveness and optimal performance across devices.
- Implemented state management solutions using **Zustand** and **Redux**, and integrated authentication mechanisms using **NextAuth** for secure user authentication and authorization.
- Implemented role-based access control within the systems, defining user permissions according to their roles to bolster security measures and maintain data integrity.

React Native Developer

URide (Contract)

May, 2023 - Present

- Develop and maintain the URide mobile application using **React Native**, ensuring high performance, responsiveness, and reliability.
- Implement user registration and **authentication** features, allowing users to register as drivers or riders and securely access the platform.
- Integrate **geolocation** services using Google API to enable **real-time tracking** and navigation for drivers and passengers, ensuring accurate and efficient transportation services.
- Implement booking and scheduling features, enabling users to request rides, view driver availability, and manage ride bookings seamlessly.

Software Engineer (Frontend)

Vorbtech Innovative Solutions (Contract)

May, 2023 - December 2023

- Contributed to the development and maintenance of innovative web applications, leveraging a tech stack including **TypeScript**, **ReactJs**, **Nextjs**, **NodeJs**, **MongoDB**, **Express**, and **socket.io**.
- Crafted intuitive and responsive front-end interfaces to elevate user experience, utilizing ReactJs and Nextjs, while consistently focusing on user engagement enhancements.
- Drove the implementation of real-time features through sockets, significantly augmenting user interactivity and satisfaction..
- Engineered robust RESTful APIs with **NodeJs** and **Express**, ensuring seamless communication and optimal functionality between front-end and back-end.
- Conducted unit testing and end-to-end testing to ensure software quality.
- Collaborated in Agile environments, participating in daily stand-ups and sprint planning.
- Maintained detailed code documentation for knowledge sharing and onboarding.
- Implemented role management into systems, determining user access based on roles for enhanced security and data integrity.

Code Reviewer

Microverse, San Francisco, California,United State (Contract)

May, 2023 - Present

- Perform thorough code reviews to identify and address any potential issues, ensuring adherence to coding standards and best practices.
- Conduct meticulous UI reviews to guarantee a seamless and user-friendly experience
- Analyze and assess **feedback** from code and UI reviews, taking ownership of necessary rework and implementing improvements..
- Utilize platforms such as **GitHub** and Slack to promptly respond to and resolve project-related queries from students, providing clear and concise answers.
- **Collaborate** closely with developers, designers, and other stakeholders to facilitate **effective communication** and foster a collaborative development environment.

Software Developer

January, 2022 - February, 2023

Interface Connect Limited

- Successfully deploy front-end applications to production, ensuring a seamless user experience for clients and driving increased user engagement.
- Expertly integrate applications, graphics, audio, and video components into client web applications, enhancing functionality and user satisfaction.
- Build and implement user engagement tools that significantly enhance user retention rates, resulting in measurable increases in user satisfaction.
- Design and develop visually stunning and intuitive user interfaces for company websites, from scratch, ensuring responsiveness and optimization for search engine indexing.
- Collaborate with cross-functional teams to gather requirements, conceptualize designs, and implement solutions that meet client objectives.
- Stay updated on emerging technologies and industry trends to continuously improve development processes and deliver innovative solutions.

Software Developer

Tiidelab

November 2021 - January 2022

- Developed Boxmonie, a fintech web application enabling collaborative finance management through a group-based contribution system, known as "thrifting."
- Utilized microservices architecture to build and deploy a micro-frontend web application, implementing state management and UI logic using React hooks.
- Created comprehensive documentation for components using React Storybook as a style guide, ensuring consistency and maintainability.
- Translated designs and wireframes into high-quality code, building reusable components using React.js and styled components.
- Integrated frontend with REST APIs using Swagger documentation, ensuring seamless communication between frontend and backend systems.
- Documented task flow and process improvements in Confluence, facilitating knowledge sharing and team collaboration.
- Managed task progress and updates using Trello, ensuring transparency and alignment within the team.
- Acquired proficiency in the agile workflow, from design to deployment, and regularly presented features at demo sessions.

Software Developer

May, 2020 - November 2021

Freelance

- Executed end-to-end development on a diverse range of projects utilizing both **MERN** (MongoDB, Express.js, React, Node.js) and **MEVN** (Mongoshowcasing versatility and proficiency in various technology environments).
- Developed a dynamic and scalable web application, integrating MongoDB as the database, Express.js for server-side development, React for the frontend, and Node.js for backend services.
- Implemented responsive and user-friendly interfaces using React and Vue, ensuring an optimal user experience across different devices and screen sizes.
- Integrated third-party APIs to enhance functionality and provide additional features, demonstrating adaptability to external services.
- Leveraged Node.js for server-side scripting, enhancing the application's performance and enabling efficient handling of concurrent requests.
- Implemented user authentication and authorization features, ensuring the security and privacy of user data.
- Conducted thorough testing and debugging, resolving issues promptly to deliver high-quality, bug-free applications.
- Collaborated closely with clients to understand project requirements, provide regular updates, and incorporate feedback for iterative development.

PROJECTS

Uride: Urdie is revolutionizing local transportation by providing a platform that connects riders with local drivers, offering convenience and reliability to our users. Creating a seamless experience for both drivers and passengers, ensuring safe and efficient transportation solutions.

Project Hope: Project Hope is a transformative initiative aimed at providing support and opportunities for orphans to thrive and succeed. Empower orphans by connecting them with sponsors and guardians who are willing to provide financial, academic, and emotional support.

NSP: The Nigeria Startup Portal (NSP) is a groundbreaking platform designed to support and nurture the vibrant startup ecosystem in Nigeria. To empower entrepreneurs by providing them with access to essential resources, funding opportunities, and networking connections. NSP serves as a catalyst for innovation and economic growth, driving positive change and fostering sustainable development in Nigeria.

MedOpt: A hospital management system designed to streamline healthcare processes.

AtdLogistics: Easing the stress of relocation. (<https://atdlogisticsintl.com/>).

EDUCATION

Federal Polytechnic Idah Kogi State Nigeria

HND Electrical Electronic Engineering

Udemy

React - The Complete Guide 2024 (incl. React Router & Redux) By Academind by Maximilian Schwarzmüller

LANGUAGES

- English Language
- Ebira
- Pigin

OTHER ACTIVITIES

Technical writing

medium.com/@christopherabraham8

REFERENCES

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Relationship : Team Lead