Alfred Sosu

Profile

Alfred is a highly skilled software developer with six years of experience working on many projects across different industries. He specializes in front-end development using ReactJs and NextJs, while also proficient in back-end development using NodeJs and Laravel. Additionally, Alfred has expertise in developing mobile solutions using Flutter. He holds a Bachelor's Degree in Computer Engineering and a strong background in building user-centric solutions for small and medium-sized companies. Code quality is a must for Alfred, and he ensures it by adhering to Test-Driven Development (TDD) and SOLID principles throughout the product development process.

Alfred's strength lies in his exceptional communication skills, allowing him to effectively engage with the various stakeholders involved in the development process. This empowers him to address challenges efficiently and collaboratively. His passion for technology is evident through his eagerness to embrace new technologies and continuously enhance his knowledge and skills. With his expertise, Alfred is capable of actively contributing to every stage of the development process, from initial planning to final deployment.

Skill Set

- ReactJS, Redux Toolkit, NextJs
- HTML5, CSS, JavaScript, Typescript
- Tailwind CSS, Material UI, Bootstrap, Chakra UI, Semantic UI
- NodeJS, Laravel, Firebase
- Flutter, Dart
- MySQL, PostgreSQL, MongoDB
- AWS, Digital Ocean, Heroku
- TDD, Jest, React Testing Library, Cypress
- Unix, Azure DevOps, GitHub Actions
- Git, GitHub, BitBucket, GitLab, Git Workflows
- Jira, Trello, GSuite, Slack
- Agile Methodologies, Scrum, Kanban

Experience

2023 - Present **Kofa Technologies** Accra, Ghana
Lead Frontend & Mobile Developer

- Collaborated within a dynamic team to create web applications serving both internal and external purposes.
- Rewrote an existing web app using ReactJS (Next.js) with TypeScript and React Query.
- Re-architected two existing mobile apps in Flutter and introduced testing into the code pipeline, greatly improving the stability of the apps.
- Developed an engineering app for Android and Windows that enables the team to debug batteries via Bluetooth using Flutter.

2022 - 2023 **Copianto AI** Delaware, USA
Software Engineer, Lead Developer

- Designed and implemented a user-friendly and responsive UI using NextJS and Redux Toolkit, resulting in a 25% boost in website traffic
- Integrated various analytics and customer support APIs, including Google Analytics, Hotjar, Crisp, and Mixpanel, to enhance customer experience and increase retention by 15%
- Collaborated with backend developers to seamlessly integrate backend APIs into the front end, resulting in a 50% reduction in development time

| 2021 - 2023 | **Kraado** | Remote , Ghana |

Software Engineer, Volunteer
- Developed and maintained a web application using ReactJS that allowed college students and graduates to showcase their skills to potential employers, resulting in a 20% increase in job placements for users
- Implemented responsive design using Material UI and optimized the application for mobile devices, leading to a 15% increase in mobile traffic
- Created cloud functions using NodeJS and Firebase to meet business needs
- Enhanced my expertise in ReactJS and software engineering through collaboration with a seasoned Microsoft software engineer.

| 2020 - 2022 | **Cognate Systems** | Remote, United Kingdom |

Software Engineer
- Developed and maintained a software platform that enabled small and medium-sized businesses across Africa to design, deploy, and gather insights through multiple channels, including mobile and web apps, USSD, SMS, and Telegram
- Built a highly performant and scalable frontend with ReactJS and Redux, improving user engagement by 30%
- Implemented an intuitive and user-friendly interface in close collaboration with the design team, resulting in a 20% increase in user retention
- Integrated various APIs and services with the Backend Team, delivering a seamless user experience that enhanced customer satisfaction by 25%

Education

| 2022 | **Software Entrepreneurship** |

Meltwater Entrepreneurial School of Technology (MEST), Accra, Ghana

| 2016 - 2021 | **Bachelor's Degree in Computer Engineering** |

Best Engineering Student - 3.89/4.0
All Nations University, Koforidua, Ghana