Agboola Ifedayo (Sam)

Software Engineer
Belfast, Northern Ireland, UK.
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Versatile software developer with experience in frontend, backend, and mobile application development. Skilled in collaborating with cross-functional teams to tackle large-scale, global challenges. Passionate about innovation and committed to building impactful solutions that enhance user experience and drive business value. Eager to contribute to a team of like-minded individuals working on transformative projects.

SKILLS

Programming Languages	TypeScript | Python | PHP
Frontend Technologies	Angular | React.js | Next.js | Vue.js | Redux | Context API
Backend Technologies	Node.js | ExpressJs | PostgreSQL | MongoDB | MySQL | REST API | Prisma
Version Control & DevOps	Git | Github | Gitlab | Bitbucket | Docker | AWS | CI/CD
Testing	Cypress | Storybook | React Testing library | Karma | Jasmine | Jest

EXPERIENCE

Frontend Engineer   **iTouch Smart Tech, UK**   **(Current)**

- Contributed to the successful migration of an existing project from Angular 16 to Angular 18, enhancing the application's performance and compatibility with the latest frameworks.
- Implemented Chart.js for data visualization, achieving seamless integration while maintaining the app's original user interface, ensuring a smooth user experience.
- Improved overall test coverage by at least 50%, applying rigorous unit testing with Jasmine and Karma, resulting in more robust and reliable code.
- Proactively managed task backlog and prioritized bug fixes and feature improvements, maintaining high productivity and meeting project deadlines consistently.

Frontend Engineer   **Shange IT, UK**   **2024**

- Entrusted with the entire application life-cycle of a cutting-edge fintech application, from initial concept, design, testing, release of MVP and post-launch support
- Architected and implemented a microservices-based backend infrastructure improving system scalability and leading to 30% increase in application performance.
- Working closely with stakeholders to translate business goals into technical specifications and prioritizing features for iterative development phases.
- Optimized database queries and schemas, using Prisma and PostgreSQL, resulting in a 50% reduction in server response times, easy data access for analytics and significantly improved user experience.

Software Engineer   **Agilicent, UK**   **2023**

- Utilized Headless Solutions (Strapi) in developing the DDNA conference check-in software, a critical solution for the largest conference in Northern Ireland, slashing coding time by 50%.
- Leveraged JavaScript and React.js to create a seamless and user-friendly check-in experience for over two thousand attendees, earning high user satisfaction and positive feedback from conference organizers.
- Improved the Score Beo live sporting application serving 40,000 users through bug fixing, feature implementation, and real-time updates using React Native.
- Achieved a 4.8/5 rating in app store reviews by focusing on user-centered design principles and regular feature updates

JavaScript Developer   **Keana BV, Netherlands**   **2022**

- Contributed to the development of a cutting-edge logistics app using Vue.js, delivering real-time updates to a substantial user base and optimizing front-end applications for exceptional performance and scalability.
- Implemented Cypress, Vitest and Playwright to automate testing of 15+ features in production, reducing bug reports by 20% and improving code quality by 35%
- Conducted thorough code reviews and introduced best practices, resulting in a 20% increase in code quality and maintainability.
- Employed Chrome DevTools for real-time debugging and logging, reducing the average issue resolution time from 4 hours to 2 hours

Front-end Developer	**Spinel Consulting, Nigeria**	**2021**

- Led conversion of UI/UX design concepts into fully functional web applications, ensuring seamless integration with both internal and third-party REST APIs, culminating in an optimized user experience and impacting over 10,000 users.
- Leveraged SaaS functions to create dynamic reusable components and responsive styles based on user interactions, slashing events of styling bugs by 21%
- Contributed to developing a successful marketplace application using JavaScript, React, Redux, Tailwind CSS, and Material UI, driving a substantial 30% increase in user engagement and sales.
- Worked with Agile team on interpretation epics, acceptance criteria, and requirements into user stories to be completed within a sprint, further developed sprints and tests to identify bugs, issues, and defects before deployment.

Web Developer	**Digital Nation, Nigeria**	**2020**

- Leveraged various CMS tools, including WordPress (Elemento, Visual Composer), and programming languages such as PHP and JavaScript to deliver high-quality websites and landing pages.
- Managed domain, hosting, DNS and database services for a portfolio of clients, overseeing proper configuration and maintenance.
- Conducted physical and online classes on programming languages and technologies, including HTML 5, CSS 3, JavaScript, jQuery, PHP, and WordPress, through LearnPOD Academy.

PROJECTS & ACHIEVEMENTS

Finalist, Co-Founders Accelerator Program - The Catalyst, Belfast (2024)

- Top 4 finalist among 119 participants in Belfast's most competitive accelerator program, demonstrating innovative solutions and a strategic growth plan for our project.
- Played a key role in developing a web and mobile app using Wix, React Native, and Google Maps API to enhance user engagement and functionality, significantly contributing to our team's success in reaching the finals.

BikeMesh | Real-Time Asset Monitoring App
www.bikemesh.co.uk | Download Android Demo App

- Tech Lead for the entire production lifecycle of BikeMesh, a mobile app designed to provide real-time tracking and asset monitoring of bicycles, leveraging React Native and Google Maps API for seamless GPS integration.
- Spearheaded the integration of tracking data, which enabled real-time monitoring for users and improved fleet management capabilities for businesses, enhancing customer satisfaction and operational efficiency.

Bitshub eCommerce Platform
www.bitshub.africa | Demo

- Lead Developer overseeing a team in building Bitshub, an innovative eCommerce app, using Node.js, React.js, Tailwind CSS, and Prisma for a highly responsive and scalable application.
- Architected a modular design to support multiple eCommerce features and future expansion, ensuring adaptability and smooth user interactions.

Open-source Contributor, Storybook

- Actively contributing to the Storybook community with improvements to documentation, code reviews, bug fixes, and feature enhancements.
- Collaborated with other open-source developers, enhancing product stability and usability, and gaining recognition within the open-source community.

ENDORSEMENTS

"In a little over a week, Sam created the check-in software for this year's Digital DNA event to make check-in as fast and smooth as possible - and he did it after only two weeks in the job. Well done, Sam!" - *Nick Cousins, CTO at Agilicent.* Read full testimonial

EDUCATION

Master of Science – Data Analytics	**2024**
Ulster University	*Northern Ireland, UK*