Babajide Williams

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Brief Profile

I am a solution-focused software engineer with over 10 years of experience in the IT industry, delivering lasting solutions to everyday challenges that give companies a competitive advantage and produce exceptional results for clients. My expertise covers various aspects of the design and development process, with a strong emphasis on creating intuitive, accessible, and user-centered products.

Professional Experience

09/2021 – Present

Senior Frontend Developer at HealthHero GmbH in Berlin
- Creating advanced software solutions and web applications using React, Nextjs, TypeScript, JavaScript, Nodejs, HTML5, CSS3/SASS/LESS, Cypress, Jest, and Storybook, including developing a UI components library.
- By enhancing user accessibility on websites, I significantly improved the user experience. • Implemented test-driven development (TDD) practices to guide the development process and ensure robust, maintainable code.
- Utilized React Testing Library to perform component-level testing, creating and executing test cases that focus on user interactions, rendering logic, and component state to ensure individual React components function as expected in isolation.
- Integrated Cypress tests into the continuous integration (CI) pipeline, ensuring that component tests run automatically on every commit, helping to catch regressions early in the development process.
- Developed the Long-Covid-App and the Questionnaire Rule Engine tool.
- My optimization efforts resulted in a 200% increase in website speed, a 10% reduction in bundle size, and a reduction in hacker attacks from 2.0% to 0.02%.

10/2020 – 09/2021

Frontend Developer at North.io GmbH (EGEOS GmbH) in Kiel
- Created software solutions and different web applications for clients using frameworks and technologies like React, Gatsby, Hugo, JavaScript, Nodejs, HTML5, CSS3 and Tailwind.
- Transforming design assets from Photoshop, Figma, and wireframes into fully responsive, pixel-perfect, functional, and mobile-friendly web pages.
- Emphasized testing components from the user's perspective by simulating real-world scenarios, such as clicking buttons, filling out forms, and navigating through UI elements.
- Integrating RESTful APIs and collaborating with backend systems.
- Leveraging the power of WebGL to render complex geospatial data in real-time, allowing for smooth and responsive user interactions, even with large datasets.

- Creating advanced software solutions and web applications using React, TypeScript, JavaScript, Nodejs, HTML5, CSS3/SASS/LESS, Cypress, Jest, and Storybook, including developing a UI components library.
- Optimized the performance and usability of the diagram generation process, ensuring that large and complex projects could be visualized efficiently without compromising on detail or clarity.
- Led the migration of the project development tool from Webpack to Vite, enhancing development speed and improving build performance.
- The optimization of websites resulted in a 300% increase in speed.

06/2019 – 06/2020

Software Engineer at Daizu GmbH in Berlin
- Developed questionnaire app, e-commerce, CRM and blog-post website using using technologies such as React, Gatsby, GraphQL, CMS(Sanity), JavaScript, HTML, style-components and pure CSS.
- Converting design assets from Figma and wireframes into fully responsive, functional, and mobile-optimized websites.
- Developed and maintained unit tests to ensure the accuracy and reliability of individual components and functions within the application.
- Implemented advanced techniques such as code splitting, tree shaking, and dynamic imports to minimize unnecessary code in the final bundle.
- Refactored codebase to achieve a 30% reduction in bundle size.

06/2018 – 06/2019

Software Engineer at CommercetoolsGmbH in Berlin
- Developed innovative API solutions using Node.js, CoffeeScript, REST, and GraphQL to create various modules that support modern microservice-based architecture for clients, such as Category Export and Resource Deleter.
- Built full websites and individual web pages for various clients.
- Utilized testing frameworks such as Jest, Mocha to write automated unit tests, achieving high code coverage and early detection of defects.
- Performed integration tests to validate the interactions between different modules and services, ensuring smooth communication and consistent data flow throughout the system.
- Designed and executed end-to-end (E2E) tests to verify the full functionality of web applications, covering everything from the user interface to the backend systems.

05/2015 – 05/2018

Software Developer at Bliss Energy Nig. Ltd. in Lagos
- Developed innovative software solutions using pure JavaScript, HTML, and CSS, and created various websites utilizing vanilla JavaScript, jQuery, React, HTML, and CSS.
- Played a key role in setting up the network that enhanced the company's development and growth.
- Initiated market research studies to identify demand for the company's products or services and captured business development opportunities to capitalize on them.

Education

University of Applied Science Kiel in Germany
Master,
MSc (Hons) in Information Engineering

Federal University of Technology Akure in Nigeria
Bachelor,
BTech (Hons) in Computer Science

Languages

- English – Highly proficient in written and spoken English
- German – Above basic

Skills

- Web Development
  Javascript, Coffeescript, Python, Node.js, Nest.js, SQL, MongoDB, PostgreSQL.

- Frontend Development
  HTML5, CSS3, LESS, SASS, SCSS, Tailwind, Bootstrap, React, Next.js, Svelte, Gatsby, Hugo.

- UI/UX Design
  Figma, Photoshop, Sketch, Prototyping, Wireframing, User Research, Usability Testing.

- Testing & CI/CD
  Storybook, Cypress, Jest, Mocha, Docker, GitHub-Actions, CircleCI, Jenkins

Projects

- Led the frontend development of Fernarzt's Long COVID support platform, designed to provide comprehensive telemedicine services to individuals recovering from Long COVID, particularly those insured under various health plans. (https://www.fernarzt.com/long-covid/fuer-versicherte)

- Led the frontend development of a web-based tool that integrates complex geospatial data, providing users with an intuitive interface to analyze and visualize environmental and infrastructure data. (https://north.io/en)

- Contributed to the development of the Daimon Project, an innovative initiative focused on maritime safety and environmental protection by improving the monitoring and management of underwater munitions. (http://www.daimonproject.com)

- Spearheaded the redesign and enhancement of the Sleep.ink e-commerce platform, focused on promoting and selling natural sleep aids and wellness products. (https://sleep.ink)