

Ogbonna Arinze

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WORK EXPERIENCE

Roche Genentech

San Francisco, CA (Remote)

Fullstack Engineer

May 2023 - Present

- Spearheaded the redesign of the main product for connecting and transferring clinical trial sites' data to various upstream EHR systems from a Vue web application to a Chrome extension in React.
- Optimized application performance by implementing lazy loading, code splitting, and image optimization, significantly reducing load times. Improved responsiveness across devices with responsive layouts, memoization to minimize re-renders, and efficient asset delivery via CDN. Used Lighthouse and Chrome DevTools to identify and fix performance bottlenecks.
- Implemented authentication and authorization workflows on the frontend using JWT-based flows, securely handling access and refresh tokens with HTTP-only cookies. Integrated login, signup, and role-based access control in the UI, protected client-side routes, and ensured secure token refresh handling for seamless user sessions. Collaborated closely with backend engineers to align on auth strategies and enforce permission-based UI rendering.
- Improved developer experience by introducing Redux for state management, optimizing the build pipeline, request caching using React Query, and refactoring legacy React code from class components to functional components.
- Increased stakeholder confidence by writing e2e tests with Playwright in the build pipeline, publishing the test results in GitHub Pages using allure-report plugin, and sending a notification on Slack with a link to the generated test results whenever a push is made.
- Co-developed a full-stack Next.js chat widget powered by a Retrieval-Augmented Generation (RAG) system using OpenAI's GPT models, enabling users to connect their data sources, embed the widget on external sites, and query their data in real time via a conversational interface.
- Mentored a team of two junior developers (interns), fostering a culture of technical excellence.
- Stayed on top of industry trends and modern frontend tooling to keep applications up to date with best practices.

DESCASIO LTD

Lagos, Nigeria

Frontend Engineer

May 2021 - Apr 2022

- Designed and developed an intuitive, user-friendly interface using Tailwind CSS, streamlining key user flows and reducing friction—resulting in a 25% increase in user engagement. Collaborated with designers in Figma and product managers via Jira to translate user requirements into clean, accessible UI components, and iterated continuously based on user feedback and analytics insights.
- Collaborated with software architects to design a scalable front-end architecture using the React framework, implementing container-component and atomic design patterns. This enabled seamless integration with backend systems, improved code maintainability, and reduced development time by 30%.
- Streamlined the development process by implementing automated testing frameworks, resulting in a 20% reduction in bug reports.
- Demonstrated expertise in documenting ReactJS components using Storybook, ensuring comprehensive coverage of processes and change management requests.
- Assisted the project manager in gathering and documenting user requirements, while also contributing to the development of user stories, estimates, and work plans.
- Successfully optimized the performance of the ReactJS application by 40% through the implementation of caching requests, leading to improved speed and efficiency.

BRISTOL MYERS SQUIBB

San Francisco, CA (Remote)

Frontend Developer

Aug 2021 - Dec 2021

- Took ownership of React frontend architecture decisions and design, leveraging various tools and technologies such as ReactJS, Cypress for testing, Axios for data loading (REST API consumption), and Apollo Client for GraphQL API consumption.
- Utilized AWS Code Services (CodeBuild, CodePipeline, and CodeDeploy) to establish a comprehensive CI/CD pipeline, automating the build and deployment process of application assets to an AWS S3 bucket.
- Implemented Cypress testing framework to automate regression testing, reducing test time by 50% and improving code quality by identifying defects early in the development process.

- Established an agile development workflow incorporating daily stand-up meetings, sprint planning, and retrospectives with project team members, resulting in meeting project requirements and timelines with a 95% success rate.

EDUCATION

University of Nigeria

BSc Computer Science

Nsukka, Enugu

Graduation Date: Date

PROJECT EXPERIENCE

Fast-Adder (fast-adder.com)

Lagos, Nigeria

Senior Frontend Engineer

Apr 2022 - Present

- Designed and developed fast-adder, a powerful platform tailored for Online Instructors, Digital Marketers, and Online Entrepreneurs. This innovative tool enables users to rapidly build a substantial audience on WhatsApp and Telegram in just seconds and with minimal effort.
- Implemented a user-friendly interface that allows seamless group link submission (WhatsApp or Telegram) and optional specification of follower source preferences. Leveraging our extensive repository of active users, the platform intelligently assigns relevant followers to the provided groups.
- Implemented a streamlined onboarding process, reducing user drop-off rates by 50% and increasing platform usage by 75% in the first month.
- Collaborated with marketers to develop targeted campaigns resulting in a 300% increase in sign-ups during the first quarter of launch.
- Demonstrated exceptional results, with a current user base of 300 active users and achieving revenue of over \$2,000+ within just 5 months of the platform's launch.

LEADERSHIP EXPERIENCE

Jobanaut (jobanaut.co)

Lagos, Nigeria

Founder

Jan 2023 - Present

- Developed a tiered pricing model to cater to a diverse range of user needs, from individual job seekers to large recruitment agencies, leading to a 50% increase in revenue within the first year of launch.
- Introduced a unique feature for AI-guided mock interviews, providing users with invaluable practice and feedback to improve their interview skills, leading to a 40% increase in successful job placements.
- Spearheaded the development and implementation of advanced AI algorithms for personalized job recommendations, resulting in a 35% increase in user engagement.
- Managed a team of 8 engineers to create and implement advanced AI algorithms that analyzed users' skills, interests, and career goals to recommend jobs with a 95% accuracy rate.