

Ukpai Chukwuemeka

Senior Software Engineer

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About

Intentional and professional solution-driven software engineer with over 5 years of experience building software. I have demonstrable experience in creating functional, durable and efficient software systems that scale. I know how to build web services and expose them as APIs, create continuous integration scripts for flexible software deployment, and implement design-oriented user interfaces.

Technical Skills

- **Languages:** Javascript, PHP, Java
- **Tools:** Git, JetBrains, Github, Open AI, Linear, Jira
- **Concepts:** Microservices, Clean-Code, Tenant Architecture, Monorepo, Progressive Web Apps
- **Databases:** MySQL, Mongo, Firebase
- **Transport & Query:** REST, GraphQL, React Query, Axios
- **Frameworks:** AngularJS, ReactJS, NextJS, ExpressJS, React Native

Engineering Skills Summary

Innovative Problem Solver: Engineered new features and improved application capabilities, boosting administrative workflows by 60% and accelerating school district onboarding by 90%.

Performance Optimizer: Refined code and optimized application performance, reducing load times drastically and cutting application size by 80%, enhancing user experience.

Automation Specialist: Innovated a solution for HR inefficiencies by automating repetitive tasks with a browser extension, reducing human data entry errors by 98% and speeding up the candidate screening process by 70%.

Professional Experience

Fast FX - Contract , United Kingdom | *Fintech*

Senior Mobile Engineer | 2024 - Present

Actively contributing to the development and deployment of the Fast FX mobile app, a platform revolutionizing financial transactions for users worldwide.

Actionaly - Remote, USA | *Ed-tech*

Full Stack Software Engineer | 2023 - 2024

Enhanced key application capabilities, significantly improving operational efficiency and streamlining administrative workflows.

- Spearheaded the development of a subscription management feature, improving administrative workflows by 60% and increasing onboarding efficiency for school districts by 90%
- Developed an intuitive interface for school districts to set up and manage FTP accounts, streamlining the class roster data upload process and simplifying load settings configuration.
- Integrated Stripe and Pay Theory subscription payment options, enhancing payment processing efficiency and driving increased user satisfaction.
- Contributed to the development and release of the Actionaly Mobile app V2 component library, improving user interaction and enhancing overall application functionality.

Vault Vision - Remote, USA | AaaS

Frontend Engineer | 2021 - 2022

Contributed to the development of a secure and user-friendly authentication-as-a-service solution for businesses and developers, simplifying the integration of authentication features.

- Designed and built an intuitive authentication-as-a-service user interface, significantly enhancing usability for developers and businesses.
- Refined project structure and dependencies, reducing load times and application size by 80%, while improving build time and overall user experience.
- Orchestrated complex state management using XState and implemented content security policies, boosting client-side application security and mitigating vulnerabilities like CSRF attacks
- Received recognition for consistently delivering high-quality work, fostering effective team collaboration, and contributing to project success.

Tides Agency - Contract, USA | No Code Agency

Javascript Engineer | 2021 - 2021

Engineered a browser extension that streamlined candidate information processing, reducing data entry errors by a significant margin.

- Engineered a browser extension for the HR hiring process, reducing manual data entry errors by 98% and accelerating the candidate screening process by 70%
- Automated Airtable workflows with Zapier, saving time and significantly boosting overall team efficiency.
- Developed custom scripts for Webflow, enhancing CMS functionality and improving overall user experience.

Varscon, Remote

Frontend Engineer | 2018 - 2021

Built a user-friendly interface for health and demographic data collection, improving data collection, data security and data visualization.

More information about my DevOps & Cloud Operations Expertise

In my career, I have worked extensively with cloud platforms like **EAS**, **AWS**, **Render**, and **Heroku**, managing cloud infrastructure and implementing DevOps practices to streamline development and deployment processes. I have utilized various tools and technologies to ensure scalability, performance, and reliability across applications. Additionally, I have worked with numerous software solutions across industries, showcasing my ability to adapt quickly to new systems and workflows.

- **AWS:** Hands-on experience with services such as EC2, S3, Lambda, and RDS to build and maintain scalable cloud environments.
- **Render:** Deployed and managed web applications on Render, taking advantage of its automatic scaling and simplicity.
- **Heroku:** Utilized Heroku for easy application deployment, configuring environment variables, and using add-ons to optimize performance.
- **EAS:** Utilized EAS for seamless and efficient deployment of mobile applications.

My adaptability allows me to easily integrate with new software systems, apply best practices, and contribute effectively to teams and projects across a variety of industries. This flexibility ensures that I can quickly become proficient with any technology stack or cloud platform.