

KWAME AMPOMA-MENSAH

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PROFESSIONAL SUMMARY

- Frontend engineer with 7+ years of experience implementing frontend features and building platforms that process transactions worth GBP 50m+ from 2m+ DAU.
- Results-focused engineering team lead with a track record of implementing systems that improved sprint velocity.
- Eager to help tech companies build scalable frontend features that promote user retention and boost profitability.

SKILLS

Technical skills: Design systems, UI/UX design, API integrations, CI/CD, State management, AI, Unit testing, e-Commerce, Payment integration, SSR, Agile methodologies (SCRUM), Quality assurance.

Tools & Technologies: Javascript (ReactJS, NextJS, Vue, NuxtJS, Typescript, React Native, React Query, Node JS, Storybook JS), CSS (Tailwind, Bootstrap, MUI), Redux, Context, PWA, Azure, Sentry, GraphQL, RESTful, MongoDB, Google Analytics, Firebase, NextAuth, KeyCloak, SonarQube, Jest.

EXPERIENCE

Senior Front-End Engineer | [Hubtel Limited](#). Feb 2019 – Present

- Led 4 front-end engineers to build an energy vending Marketplace processing GBP 50m+ from 2m+ DAU by implementing RESTful API and payment integrations using Next.js Server-Side Rendering to enhance security, performance and SEO and also Sentry.io for error tracking.
- Improved sprint velocity by collaborating with the design team to establish a brand guide and owned its translation into a design system using React, NPM and Storybook.js to create reusable components, while ensuring a consistent feel across 40+ products.
- Drove an increase in our e-commerce revenue by leading a PHP web app rebuild project using Vue.js - Nuxt 3 (component-based architecture, PWA and client-side rendering) to improve shopper experience.
- Worked closely with product managers to enhance value delivery by employing Agile methodologies (SCRUM) This maintained project alignment, task prioritization and boosting team productivity.
- Conducted unit, integration, and system testing on products using Jest, collaborated with Quality Assurance (QA) team on user acceptance testing and resolved all issues within 48 hours after discovery.
- Boosted code quality by working with the DevOps team to integrate SonarQube into Azure builds as part of the CI/CD pipeline to facilitate proactive detection and resolution of bugs as well as reduction of technical debt.
- Utilized AI algorithms to analyze user data and behavior, detecting fraudulent activities in real-time and enhancing security, while delivering personalized product recommendations to boost customer engagement.

Front-End Engineer | [RightCom](#) Jul 2018 – Jan 2019

- Enhanced security and user management efficiency in all RightCom applications using Keycloak for authentication in ReactJS, leveraging its encryption, password policies, and multi-factor authentication.
- Rewrote HTML to meet industry standards for SEO, accessibility, and responsiveness. This overhaul increased search engine ranking, organic traffic, and conversion rate, driving an increase in users.
- Developed responsive UI components and integrated APIs with React Query for a digital signage software, enabling content, screen, and schedule management for companies to display content in multiple locations.

Front-End Engineer | [Cobalt Partners](#) May 2017 – June 2018

- Improved website load time through code refactoring, minifying CSS/Javascript, image compression (WebP), lazy loading, and optimized asset delivery, significantly enhancing user experience.
- Developed pixel-perfect, responsive web pages with HTML, CSS, and Bootstrap, ensuring design fidelity, clean code, accessibility, performance optimization, and cross-device/browser testing.
- Built website in HTML/CSS and transformed it to WordPress while integrating themes, plugins like Yoast SEO and WP Accessibility to streamline content management and enhance responsiveness.

EDUCATION

BSc Degree in Information Technology | Methodist University College

Sep 2009 – Sep 2014