Samuel Mwangi Macharia

Frontend Developer

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PROFESSIONAL SUMMARY

With over 7 years of experience as a JavaScript Engineer, specializing in the development of applications utilizing the JavaScript ecosystem. Expertise lies in crafting customer-facing applications within large organizations and startups, showcasing a comprehensive understanding of Vue's and JavaScript capabilities, and delivering top-notch solutions in the software development arena, resulting in beautiful, responsive, and accessible applications.

WORK EXPERIENCE

Superscript – London, England   *November 2022 – September 2023*

Front End Engineer / UI

- Pioneered the development of design system components in storybook, utilized in multiple applications, elevating overall product consistency and efficiency using VueJs.

- Led the implementation of critical features within the Quote App, resulting in a significant increase in user engagement and a tailored, seamless journey thereby increasing conversion by 5%.

- Mentored and guided newly onboarded team members and shared common and best practices for frontend with the engineering community.

- Spearheaded a highly effective website navigation overhaul, resulting in a notable 10% increase in website traffic and a marked improvement in conversion rates.

Skills: REST APIs · User Experience (UX) · Vuex · Notion · Jira · Agile · Web Development · Responsive Web Design · Pinia · VueJS · Gridsome · Hubspot · Sentry · Segment · Vitest · Tailwind · Cloudinary · Storybook · GraphQL· ES6 · HTML · CSS · JavaScript · Accessibility · Vite · Typescript

Maersk – Maidenhead**,** Berkshire   *November 2019 – November 2022*

Software Engineer

- Collaborated with UI/UX and Visual Designers to develop visually appealing and highly intuitive user interfaces using VueJs, leading to a significant improvement in user satisfaction and engagement.

- Conducted rigorous unit tests with Jest and comprehensive E2E tests with Cypress, ensuring the flawless deployment of new features and functionality, reducing production bugs, and enhancing overall product stability.

- Engineered highly responsive and scalable web applications, leading to a substantial increase in mobile user adoption and usage, positively impacting the product's reach and market penetration.

- Orchestrated a mentorship program for interns, fostering a collaborative environment and encouraging knowledge sharing; as a result, team productivity improved by 20%.

Skills: REST APIs · User Experience (UX) · Vuex · Bitbucket · Confluence · Jira · Agile Methodologies · Responsive Web Design · Lit · Web components · Storybook · Jest · Cypress · VueJs · Pinia · Google analytics · Vue l18n · ES6 · HTML · CSS · JavaScript · Accessibility · Sass · Vite · Typescript · CI/CD · GitHub Actions

Skriptfu – Nairobi, Kenya   *January 2016 - April 2018*

Full Stack Engineer

- Spearheaded the development and deployment of robust, feature-rich, full-stack web applications that enhanced user experiences and satisfaction levels while reducing page load time by 30% and increasing conversion rates by 25%.

- Designed and developed mobile applications using the Ionic framework, resulting in an expansion of the product's reach to the mobile user base, contributing to increased user engagement and acquisition.

- Orchestrated effective client communication and delivered exceptional customer service through client engagement and streamlined requirement gathering, resulting in high client satisfaction and successful project outcomes.

Skills: REST APIs · NodeJS · User Experience (UX) · User Interface Design · Angular · MongoDB · HTML · CSS · JavaScript · Sass · Typescript

Talicraft Solutions – Nairobi, Kenya   *January 2015 - December 2015*

Frontend Engineer

- Revitalised user engagement and interaction by designing captivating and user-centric interfaces using Adobe Photoshop and Adobe XD. Resulted in a 20% increase in user retention and a 25% decrease in bounce rate.

- Executed a comprehensive front-end and back-end integration strategy, optimizing the user experience; Led to a 20% increase in customer retention and mitigated technical issues by 40% through seamless system integration.

- Led efforts to streamline bug detection and resolution processes, resulting in a 25% increase in team efficiency and the production of top-notch, bug-free applications that surpassed industry quality benchmarks.

Skills: REST APIs · User Experience (UX) · User Interface Design · Angular · HTML · CSS · JavaScript · Sass

EDUCATION

MSc Cyber Security, University of Kent | Canterbury | September 2018 - September 2019

BSc Information Technology, Jomo Kenyatta University of Agriculture & Technology |May 2012- June 2016

PROJECTS

React Movie Search   *https://react-movie-finder.netlify.app*

A simple movie search web app connected to the omdbAPI.

Skills: React, Redux, Redux Toolkit, API, HTML. CSS, JavaScript, Typescript

Vue e-commerce store *https://vue-ecommerce-store.netlify.app/*

A Vue e-commerce store implemented in Vue. Calling the dummy JSON endpoint to get a list of products

Skills: Vue, Pinia, HTML. CSS, JavaScript, Typescript