**Abdul-Karim “Margai” Wangara**

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**PROFESSIONAL SUMMARY**



Experienced Front-End Engineer with 6 years of hands-on software development using React, Vue.js, Typescript, and JavaScript. Have worked on various products and applications including eCommerce and marketplace platforms, enterprise SaaS solutions, and reporting and analytics tools. Actively seeking new career opportunities as a Front-End Engineer within a mid-sized or large organization with a collaborative, learning, and mentorship-driven culture.

**EDUCATION**



**SAKARYA UNIVERSITY**  Sakarya, Turkey

*Bachelor of Engineering, Information Systems Engineering* October 2021

**PROFESSIONAL WORK EXPERIENCE**



**ZONAN**

*Senior Full-stack Engineer (contract)* August 2023 – Present

* Work within a team of 3 developing, maintaining, and enhancing Zonan consumer eCommerce platform utilizing technologies including React, Node.js, TypeScript, and Docker. Use lazy loading and code splitting to optimize website performance leading to a 40% rise in SEO rankings and a 33% increase in user retention rates.
* Collaborate effectively with product managers and designers to address user engagement and satisfaction by implementing customer-driven features, resulting in a remarkable 50% surge in user engagement and a substantial 25% boost in customer satisfaction.
* Improve user engagement and in-app navigation efficiency by implementing user behavior tracking metrics, achieving a 15% increase in user engagement and a 10% improvement in in-app navigation efficiency.

**SMOKEBALL**

*Senior Full-stack Engineer (contract)* December 2022 – August 2023

* Led a team of 5 engineers working with React, Node.js, Typescript, GraphQL, AWS SQS, DynamoDB and AWS SNS to develop a client onboarding and user engagement SaaS solution for law firms to manage various forms and documents.
* Implemented agile methodologies to streamline project delivery and increase user adoption, leading to a 60% reduction in project delivery time and a 23% increase in user adoption rates.
* Established bi-weekly dev team meetings to improve knowledge sharing and address codebase inquiries, resulting in 20% enhancement in new hire code comprehension and 15% reduction in unresolved codebase inquiries.

**JOHNSON & JOHNSON**

*Frontend Engineer (contract)* April 2022 – December 2022

* Leveraged JavaScript, React, Typescript to develop an internal API repository solution for easier access from a single interface across all user groups.
* Enhanced application performance and user engagement by architecting reusable components, managing application state via Redux, and seamlessly integrating back-end APIs, resulting in a notable 20% reduction in loading times and a valuable 15% increase in user engagement.
* Improved the efficiency of the design-to-development process by providing technical guidance and optimizing implementation approaches, leading to an impressive 28% reduction in design-to-development iteration time, enhancing the overall efficiency of the development process.

**WORK3 TECHNOLOGY**

*Full-stack Engineer* September 2020 – January 2022

* Led development of online eCommerce auction application for selling and purchasing luxury and antique goods.
* Supported and integrated a team of four junior engineers effectively by providing comprehensive onboarding, mentorship, and training across solutions including Node.js, React, Express.js, RabbitMQ, Socket.io, Digital Ocean, and Docker.
* Optimized workflows for testing and deployment by implementing automated processes with Travis CI and GitHub Actions, leading to a remarkable 30% reduction in deployment time, ensuring 100% on-time releases, and enhancing development process efficiency.

**ADDITIONAL FREELANCE ENGAGEMENTS**



**SOFTINYO TECHNOLOGY**

*Full-stack Engineer* May 2020 – August 2020

* Led the development of a ‘virtual will’ solution with a built-in payment platform enabling HNW individuals to create, maintain and update their will via video recording. Worked primarily with React and PHP.
* Utilized Swagger to create clear and comprehensive documentation, enabling efficient guidance for developers, and achieved a substantial 30% reduction in development errors, leading to accelerated project timelines and enhanced developer understanding.

**HEYBOOSTER**

*Frontend Engineer* April 2020 – May 2020

* Collaborated closely with cross-functional remote teams to develop an analytics dashboard to help organizations track KPIs, user retention and engagement rates, and revenue and sales metrics.
* Completely revamped the front-end design by incorporating Vue.js and React.js, resulting in a significant increase in conversion rates, user engagement and overall site performance.

**CHURCH & SERMONS**

*Full-stack Engineer* August 2018 – March 2020

* Collaborated with a team of 3 to develop a marketplace application enabling consumers to search for local churches to attend.
* Enhanced website accessibility by developing user-friendly front-end features with Laravel Blade, React, HTML, CSS, and JavaScript, and improved API response times by designing and developing REST API endpoints using PHP.
* Optimized user experience and site performance by implementing front-end bundling tools like Webpack and leveraging Redis for back-end caching, and streamlined project collaboration and management using Trello.

**STRENGTHS AND INTERESTS**



**Professional Strengths:** Communication, Critical Thinking, Problem Solving, Emotional Intelligence, Teamwork, Attention to Detail, Organization, Time Management, Learning

**Technical Strengths:**

Frontend:HTML5, CSS3, JavaScript(ES6), TypeScript, Reactjs, Nextjs, Redux, Apollo GraphQL

Backend:JavaScript(ES6), TypeScript, Node.js, Python, GraphQL, REST APIs, AWS

Databases:MySQL, PostgreSQL, MongoDB, Redis, AWS DynamoDB

Other: Git, Docker, RabbitMQ, Apache Kafka, Digital Ocean, Heroku, Travis CI, GitHub Actions, Jira, Confluence, Figma, React Testing Library, Jest, Cypress, Mocha, Chai, AWS SNS, AWS SQS, AWS Lambda

**Interests:** Travel, Bowling, Fifa, Productivity, Novels