

Margai Wangara

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Software Engineer

Senior Software Engineer with 5+ years of development experience, I've led globally distributed teams in the startup and SaaS products space, and fostered a growth mindset to drive continuous improvement. At Smokeball Australia and Johnson & Johnson, I scaled operations, achieving a 40% rise in SEO rankings, a 33% boost in user retention, and a 50% surge in user engagement within one year.

WORK EXPERIENCE

Zonan • Wilmington, Delaware, USA • 08/2023 - Present

Software Engineer

- Led the shift from a monolithic to microservices architecture at Zonan, orchestrating the e-commerce platform with React, TypeScript, and GraphQL.
- Embraced a continuous improvement mindset, blending experimentation and data-informed decisions to integrate new features, delivering value and delighting customers.
- Implemented data tracking, working with UI/UX designers and product managers, to achieve a 15% increase in usage and adoption through data-driven UI improvements.
- Increased efficiency by integrating 3rd party payment solutions, including Stripe, leading to a 50% decrease in payment processing time within 4 months.

Smokeball Australia • Sydney, New South Wales, Australia • 12/2022 - 08/2023

Software Engineer

- Improved code quality and efficiency by 30% through a strict focus on code reviews, and implementing robust and multi-stage code testing strategies using CI/CD processes.
- Contributed to engineering on-call rotation, ensuring service stability by promptly addressing incidents, resolving bugs, and conducting routine maintenance.

Johnson & Johnson • Nairobi, Nairobi, Kenya • 04/2022 - 12/2022

Frontend Engineer

- Spearheaded the creation of a centralized and independent internal API navigation platform using JavaScript, React, and Typescript within 9 months.
- Teamed up with cross-functional teams to analyze user needs, assessed various solutions, optimized workflows, and enhanced UI/UX design, leading to a 25% user satisfaction boost.

Work3 Teknoloji Anonim şirketi • Serdivan, Sakarya, Turkey • 09/2020 - 01/2022

Software Engineer

- Implemented an auction platform using Express and Vue.js integrating card payments using Iyzico, and authentication and state management with Vuex
- Led cross-team initiatives, establishing frontend engineering standards, boosting codebase consistency by 90%, and elevating process quality.
- Fostered team satisfaction and retention through mentoring, ensuring a supportive environment, and achieving a 50% increase in team cohesion.

EDUCATION

Bachelor's Degree In Information Systems Engineering

Sakarya University • 09/2016 - 10/2021

PROJECTS

HeyBooster • 04/2020 - 08/2020

HeyBooster

- 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.
- 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.

SKILLS

Backend: Amazon S3, Amazon SQS, AWS Lambda, Express, FastAPI, JavaScript, Node.js, Python, TypeScript

Frontend: JavaScript, Next.js, Nuxt.js, React.js, TypeScript, Vue.js

Databases: Amazon DynamoDB, MongoDB, MySQL, PostgreSQL

Other: Cypress, Docker, Git, GitHub, GitLab, Jest, React Testing Library