Wesley Mbate

Frontend Engineer | Typescript & Javascript Specialist | UX-Focused Developer

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Linkedin   **Github**   **Portfolio**

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About

Frontend Engineer with over 6 years of experience crafting performant, scalable and user-centric web applications. Strong focus on Typescript / Javascript ecosystems, with hands-on leadership in enterprise and startup environments. Proven record in delivering critical internal tools, subscription platforms and corporate sites across fintech, education & tech industries. Comfortable working independently or leading a small team. Currently based in Germany, fully authorized to work. Open to on-site or hybrid opportunities.

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Skills

Technologies & Tools

Angular (v2+) , Angular JS , Vue JS (v3) , React , Javascript , Typescript , State management (NgRx), Lazy loading, Responsive design, HTML & CSS / SCSS , BEM , Bootstrap , Tailwind , Material UI, Android , Git Version Control (Git), Bitbucket , Jira , Github, Notion , Java , REST APIs , Deployment workflows , Docker , Kubernetes, Cross-Browser tests, MySQL , Firebase , PostgreSQL

Domain expertise

FinTech, E-Commerce , Subscription-based SaaS , EdTech , Data analytics platforms, On-demand content distribution, SEO-driven websites , Query interfaces & Admin tools , Web-to-Offline integration , Community platforms

Language

English and Swahili (Native speaker) , German (Basic knowledge - A2 Level)

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Professional Career

Lead Frontend Developer - Meliora Technologies Limited

August 2022 - to present

- Providing leadership and facilitating in sharing company technical docs of knowledge in best practices within the Frontend engineering department through close collaboration and mentorship for in-house engineers and interns.
- Worked alongside software engineers, designers and project managers to lead the research & development of technical solutions to fulfill internal business requirements and transform creative concepts into software for a diverse array of projects for corporate clients .

Frontend Developer - Meliora Technologies Limited

March 2019- August 2022

- Delivered high-quality, robust production code for a diverse array of projects for corporate clients.
- Collaborated with senior developers and other project players to transform concepts into software for internal use primarily using FrontEnd Frameworks like Angular & Vue.

Noteworthy projects

KCB Bank Mobi-reg Portal - Enterprise Service Request Platform
Lead Frontend Engineer | Angular, TypeScript, SCSS, BEM, REST APIs, Springboot , Java

- Architected and developed a robust internal banking tool that reduced manual service request processing from **weeks to minutes**, enabling staff across **400+ branches in six countries** to handle all customer, retailer and merchant service requests seamlessly.
- Built and maintained core modules with intuitive UIs & UX flows for **customer, retailer & merchant onboarding and management**, **accounts management** , **loan operations** and more - supporting critical banking operations at very high scale.
- Integrated with legacy banking systems and third-party services to centralize and simplify service workflows across departments ; while actively collaborating with the bank's larger internal tech teams across multiple functions.
- Contributed to a **Supplier Delivery Rating** of **99%**, one of the bank's highest vendor evaluations to date.

Outcome : System is still actively used and has expanded functionality to date, improving critical internal operations and banking service requests efficiency at scale.

Mulika Portal - Real-Time Service Monitoring , Visualization & Alerting Platform
Lead Frontend Engineer | Angular JS, Chart JS, BEM ,Bootstrap, REST APIs, Springboot , Java

- Led frontend development for a dashboard monitoring platform that tracks microservice health through real-time data visualization, threshold-based alerting and downtime analysis.
- Originally built as an internal tool; successfully adapted for client deployment, now actively used to monitor critical services in diverse production environments such as Financial institutions and SMEs.
- Developed scalable components using Angular and Chart.js to receive and visualize performance metrics from logs, database queries, and HTTP-based inputs.
- Built reusable UI elements to allow teams to rapidly customize alert rules and service monitoring layouts ; this improved performance and reduced UI latency through optimized state management and lazy-loaded modules.

Outcome : Delivered a robust Monitoring & Visualization platform that improved incident response and service transparency across multiple client systems, helping service monitoring teams reduce mean time to detect (MTTD) and respond (MTTR).

Bake Connect - Order , Product & InventoryTracking for Home Bakers
Frontend Engineer | Angular, TypeScript, SCSS, BEM, REST APIs, Springboot , Java

- Developed and maintained a web-based platform used by over **3,500 home bakers**, offering role-based order tracking, dashboards, and self-service customer ordering.
- Built responsive UI components and implemented complex features such as **order status updates on the platform and SMS**, **inventory/product management** and **simple sales analytics** tailored for microbusiness users across different devices
- Enabled **1,000+ active paid-tier users** during peak baking seasons and maintained consistent engagement with low traffic free-tier users.

- Collaborated closely with backend and mobile teams to align feature sets across platforms; contributed to product roadmap supporting a multi-industry POS extension.

Outcome : Successfully scaled product to real-world use, supporting a growing network of home-based entrepreneurs; platform continues to expand with new POS integrations.

Keke's Reading Nook - Children's Books Rental Platform
Lead Frontend Developer & Team Lead | Angular, BEM, SCSS, Bootstrap , Springboot

- Led frontend development for a children's reading subscription service, allowing parents to manage profiles, select books, and choose from flexible payment tiers.
- Designed and implemented responsive UI with Angular and RxJS, optimizing UX for book-heavy browsing with **lazy loading**, **pagination**, and **image performance enhancements**.
- Oversaw feature delivery and coordination in a small, agile three-person team, acting as both frontend lead and delivery manager.
- Achieved **80+ paying parent users** with **150+ active child profiles**, maintaining consistent monthly subscriptions before project sunset due to client's relocation.

Outcome : Successfully launched and operated until external constraints led to project retirement; praised for UX clarity and mobile responsiveness.

[Tiara Connect Website](#) – Corporate Website & Brand Presence
Lead Frontend Developer & Mentor | Angular , BEM, Bootstrap , PHP , SEO

- Spearheaded the design and development of Tiara Connect's public-facing corporate site, delivering a sleek and fast-loading experience aligned with the product's tech-forward identity.
- Led a small frontend team, mentoring junior interns on Angular best practices, code quality and delivery workflows.
- Managed all phases of delivery, including architecture, deployment and cross-browser testing.
- Focused on accessibility, responsive design and SEO performance to boost discoverability and usability.
- Played a key role in enhancing the product's public image and professional credibility during partnership and client discussions.

Outcome : Delivered a polished, scalable platform while mentoring junior developers enhancing both the company's digital presence and internal engineering capabilities.

[Decalogue International](#) - Architecture Firm Portfolio Website
Fullstack Developer & Designer | Angular, SCSS, BEM, Bootstrap, SEO Optimization

- Revamped legacy site with a modern Angular-based website with simple animations, fast image-loading strategies to handle a **heavy media load** without sacrificing speed, delivering a visually rich and responsive experience that showcases the firm's architectural portfolio

- Led end-to-end development: handled **UI/UX design**, **performance tuning**, **SEO optimization**, and **deployment** to production.
- Resulted in an increase in weekly visits, strengthening the firm's digital presence and driving new client interest.

Outcome : Provided a scalable, future-ready platform that continues to support the business growth through improved visibility and professionalism.

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Education

Moringa School - June 2018 - January 2019

Full-Stack Software Engineering bootcamp
Software Engineering, specialized in Web development frameworks and Android development

KCA University - September 2016 - April 2018

Studies in Computer Science

Completed two years of coursework focused on programming fundamentals, data structures, and software engineering principles.