

Wesley Mbate

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

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[Linkedin](#) [Github](#) [Portfolio](#)

About

- Frontend Engineer with 6+ years of experience building scalable, responsive and user-focused web applications
- Specialized in TypeScript frameworks and SCSS with a strong eye for design and performance
- Proven record of leading teams and delivering high-impact tools in FinTech, EdTech and SaaS environments
- Strong communicator and mentor with experience collaborating in cross-functional agile teams
- Based in Berlin with full work authorization in Germany; fluent in English and Swahili, basic German (A2)

Skills

Languages: Javascript, Typescript, HTML, CSS / SCSS, Kotlin, Java

Frameworks: Angular (v2+), Angular JS, Vue JS (v3), React, Rxjs, NgRx, Redux, Zustand

Tools: CSS frameworks, Docker, Kubernetes, Git, Bitbucket, Github, MySQL, PostgreSQL, Firebase

Dev Practices: State management, REST APIs, Deployment workflows, Unit testing, Playwright E2E testing

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

Professional Career

Lead Frontend Developer - Meliora Technologies Limited - August 2022 - September 2025

- Led frontend initiatives for enterprise platforms, mentoring junior engineers and interns
- Delivered internal tools and client-facing portals with Angular, TypeScript, and RESTful integrations
- Collaborated closely with design and backend teams to deliver scalable, performant web solutions

Frontend Developer - Meliora Technologies Limited - March 2019 - July 2022

- Developed reusable components and maintained robust codebases across multiple client projects
- Built high-performance dashboards, admin tools, and customer portals in Angular and Vue
- Worked within agile teams to transform ideas into production-grade software

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 & Inventory Tracking 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.

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.
- 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.

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.

Language

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