

# Wesley Mbate

Frontend Engineer | Typescript Specialist | UX-Focused Developer

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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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## Professional Career

### Meliora Technologies Limited

Lead Frontend Developer

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
- Delivered high-quality, robust production code for a diverse array of projects for corporate clients and internal services
- Worked alongside software engineers to lead the research, development of technical solutions to fulfill business requirements.
- Collaborated with designers, project managers, and other engineers to transform creative concepts into software for clients.

### Meliora Technologies Limited

Frontend Developer

August 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 HTML, CSS, and JavaScript

### Meliora Technologies Limited

Internship Software Engineering

March 2019 - July 2019

- Collaborated, maintained and shipped and ongoing project to production a tour-management service for a Tour agent company
- Worked alongside software engineers to help build my confidence in problem solving skills and project design skills

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## Noteworthy projects

### KCB Bank Mobi-reg Portal - Enterprise Service Request Platform (Internal)

**Sole Frontend Engineer** | Angular, TypeScript, 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 for **customer onboarding, accounts management , SIM management, retailer & merchant management, loan operations** and more - supporting critical banking operations at very high scale.
- Delivered complex yet intuitive UIs & UX flows, high level prototyping and presenting directly to stakeholders and end users for validation.
- Integrated with legacy banking systems and third-party services to centralize and simplify service workflows across departments.
- Worked alongside two backend developers and a PM, 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.

### MySerrari - Financial Literacy & Spend Management Platform

**Lead Frontend Engineer** | Angular, TypeScript, Springboot , Java

- Led UI/UX implementation using Angular and NgRx, driving consistency and responsiveness across user flows.
- Onboarded and mentored junior developers and interns, setting up code quality standards and delivery workflows.
- Helped onboard **2,000+ users**, with **800 monthly active users** prior to sunset.
- Improved performance and reduced UI latency through optimized state management and lazy-loaded modules.

*Outcome :* Delivered production-grade solution under tight timelines; product was sunset due to high transaction costs vs revenue.

### Bake Connect - Order , Product & InventoryTracking for Home Bakers

**Frontend Engineer** | Angular, TypeScript, 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 , 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**.
- Collaborated closely with the product designer to translate user feedback into streamlined experiences for both parents and children.
- 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 relocation.

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

## **[Decalogue International](#) - Architecture Firm Portfolio Website**

### **Fullstack Developer & Designer | Angular, HTML/CSS, SEO Optimization**

- Revamped legacy site with a modern Angular-based design, delivering a visually rich, 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.
- Integrated **simple animations**, fast image-loading strategies, and mobile-first layouts to handle a **heavy media load** without sacrificing speed.
- Resulted in an increase in weekly visits to over **200 unique users**, strengthening the firm's digital presence and driving new client interest.
- Ongoing site used by the firm to attract both local and international business; praised for elegance and simplicity.

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

## [Meliora Technologies](#) – Corporate Website & Brand Presence

### Lead Frontend Developer & Mentor | Angular , Bootstrap , PHP , SEO

- Spearheaded the design and development of Meliora's public-facing corporate site, delivering a sleek and fast-loading experience aligned with the company'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 company'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.

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## Technical Skills

### Technologies

Angular , React , Vue , Javascript / Typescript , HTML & CSS , Bootstrap & Material UI beautifiers , Android , Git Version Control (Git) , Java , REST APIs , Docker , Kubernetes, Firebase & PostgreSQL databases

### Language

- Fluent in English and Swahili
- German : Basic in word and writing (A2 Level)
- Intercultural Communication

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## Education

### Moringa School

June 2018 - January 2019

Software Engineering, specialized in Web development and Java + Android Development

### KCA University

September 2016 - April 2018

Studies in Computer Science