Mohamed Mounir

Staff Frontend Engineer

Tech Lead - Product Engineer - Senior Software Engineer

Address: **Düsseldorf, Germany**
Phone: **(+49) 152 3716 1606**
Email: **m.mounir.f@gmail.com**
Links: **LinkedIn** | **Github**

Product-Driven Staff Software Engineer with 10+ years of experience architecting scalable, high-performance web applications that drive business growth across global markets. Proven expertise in leading cross-functional initiatives, building foundational systems, and mentoring senior engineers. Passionate about aligning technical strategy with product goals to deliver exceptional user experiences.

Professional Experience

Staff Frontend Engineer   **May 2025 - Oct 2025**
Interloom   Germany (Remote)

- **Built a custom markdown-to-ProseMirror extension** for Tiptap, ensuring compliance requirements were met while eliminating reliance on costly enterprise licenses, saving significant **operational expenses ($15K per month for on-prem and private cloud license)**.
- Partnered directly with Product and Design to define the roadmap for a rich-text editing feature, prioritizing features based on user feedback and enterprise scalability requirements. **Led the feature development** with entity mentions, slash commands, and structured content management, improving user experience and content scalability for enterprise workflows.
- **Resolved critical authentication issues** in OIDC + PKCE flow, improving login reliability across Safari browsers and mobile platforms, preventing random logouts, and laying groundwork for a backend-for-frontend architecture. Reduced legacy codebase by **95%** (2,000+ → 100 lines), significantly enhanced security and established a clean foundation for the new BFF.

Senior Frontend Engineer   **Nov 2021 - Apr 2025**
Lokalise   Germany (Remote)

- **Led end-to-end development** of major features including, Workflows, AI LQA, Review Center, and Comments, driving planning, documentation, execution, and delivery. Increased feature retention by **33%** and contributed significantly to overall revenue growth.
- **Partnered with UI/UX teams** to design and implement reusable components in the Louis design system, improving scalability and consistency across the platform. Provided **mentorship and technical guidance** to frontend engineers and collaborated with backend developers to define system architecture and direction.
- **Directed cross-functional collaboration** between developers, stakeholders, designers, and QA engineers, ensuring efficient project planning, on-time delivery, and alignment with company goals. Recognized for **driving execution and accelerating feature release cycles**.

Senior Frontend Engineer   **Jul 2020 - Nov 2021**
Douglas   Germany (Hybrid)

- **Identified a market gap during the pandemic and led development of a Live Shopping feature**, enabling customers to shop online during store closures and driving a **60% increase in e-commerce sales revenue**.
- **Oversaw international e-commerce platform development** using a microservices architecture, delivering scalable solutions for multi-market expansion and improving platform reliability and Core Web Vitals (LCP, FID, CLS).
- **Mentored and guided junior developers**, fostering technical growth and ensuring best practices in frontend engineering through code reviews, knowledge sharing, and building reusable, unit-tested components.

Senior Frontend Engineer   Apr 2019 - Jun 2020
[METRO Markets GmbH](#)   Germany (Hybrid)

- **Owned development of the checkout process**, optimizing cart-to-order flow, reducing cart abandonment, and delivering a frictionless payment experience for both B2B and B2C customers through VAT-inclusive/exclusive pricing and multiple secure payment gateway integrations.
- **Designed and launched an internal serverless CMS** (Firebase-based) with a drag-and-drop interface, empowering marketing teams to independently manage homepage promotions and SEO content. Reduced marketing-related backlog by **40%**, boosting productivity and time-to-market.
- **Led storefront enhancements** to improve product discovery and customer engagement, strengthening marketplace visibility and driving higher conversion rates.

Software Engineer   Nov 2013 - Apr 2019
Cloud4Rain - [Trufla](#) - [MOWEEX](#) - [Alfahologram](#)   Egypt (Hybrid)

- Led full-stack development across diverse domains (e-commerce, insurance, energy, presentations), architecting solutions with Angular, React, and Node.js.
- Directed a cross-functional team at Cloud4Rain, defining technical strategy and securing a client project by architecting a [delivery-on-demand platform](#) that reduced projected costs by 40%.
- Built foundational tooling, such as an open-source Angular module for dynamic [JSON Schema-based forms](#), saving hundreds of development hours.
- Pioneered innovative R&D projects, including a face gesture tracking library for [interactive charity applications](#) and [AR experiences](#) for real estate.

Education

BSc, Electrical Engineering, [Higher Technological Institute](#), Egypt (Graduation 2015)

Skills

Technical Skills

- **Languages:** JavaScript, TypeScript
- **Frontend Frameworks & Libraries:** React, Angular, Vue, Next.js, Remix
- **Mobile & Desktop:** React Native, Ionic, Capacitor, Electron
- **State Management:** Redux (RTK), TanStack Query, Zustand, Jotai, MobX
- **Styling & UI:** CSS3, SASS, CSS Modules, Tailwind CSS, styled-components, Material-UI (MUI), Mantine, shadcn/ui, Radix UI, Base UI
- **Routing:** TanStack Router, React Router, Next.js App & Pages Router
- **Observability & Monitoring:** Sentry, Datadog, New Relic, Grafana
- **Testing:** Jest, Vitest, React Testing Library, Cypress, Playwright
- **Build Tools & Monorepos:** Vite, Webpack, Turborepo, Nx
- **Backend & Runtime:** Node.js, Deno, Bun, Express.js, Fastify
- **Databases & ORMs:** PostgreSQL, MySQL, NoSQL (MongoDB, key-value, document stores), Prisma
- **APIs:** GraphQL, REST, tRPC
- **Cloud, Edge, BaaS:** AWS, GCP, Azure, Cloudflare, Vercel, Netlify, Supabase, Firebase
- **Tools:** Storybook, GitHub Actions, Docker, Terraform

Professional Skills

- Technical Leadership - Stakeholder Communication - Technical Decision-Making - Code Review & Standards - Frontend Architecture - System Design - Cross-Functional Collaboration - Mentoring - Project Planning - Design Systems - Performance Optimization - Web Accessibility (a11y)