**Mikkel Ridley**

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**SUMMARY**

I’m a Front End Engineer who treats stacks as tools, not identities. Over the past 5+ years, I’ve shipped React/TypeScript/Next.js across multiple roles, with recent work in Angular (Google) and ASP.NET (SFMOMA). My track record has been: join the team, learn their stack, start shipping. From **React** to **Kubernetes**, **Shopify Liquid** to **Solidity**, I adapt to what the problem requires. Software stays interesting to me because there's always something new to figure out. I thrive in collaborative environments where we check egos at the door, find solutions together, and debate tradeoffs in person.

**TECHNICAL SKILLS**

**Core:** React, TypeScript, Next.js, JavaScript ES6+, HTML5, CSS/SCSS, Material UI, RESTful APIs  
**Emerging Tech:** Smart contracts (Solidity), Web3 integration, Ethereum/DeFi, AI/ML (MCP, Stable Diffusion)  
**Scale:** Google Piper/Bazel, Kubernetes, CI/CD, Jest/TDD, GraphQL (familiar), Performance optimization  
**Development Practices:** Rapid prototyping, MVP-first development, A/B testing, Feature flags, Zero-downtime deployments

**EXPERIENCE**

**Software Engineer - Full Stack**  
**San Francisco Museum of Modern Art** | San Francisco, CA | Sep 2023 – May 2025

* Owned ticketing platform features (ASP.NET Razor pages, JavaScript, HTML/SCSS)
* Integrated with Tessitura CRM data; maintained legacy architecture while shipping new features
* Led WCAG 2.1 AA compliance sprint: zero critical defects in pre-audit QA across entire platform
* Oversaw all front end prep and post-upgrade QA in .NET Core and Tessitura upgrades
* Introduced Jest testing for JavaScript components and readied it for CI

**UI/UX Developer (Contract)  
Intrinsic (Alphabet/Google X) | San Francisco, CA | Jan 2023 – May 2023**

* Shipped Angular/TypeScript components in Google's monorepo (Piper/Bazel) with zero P1 incidents
* Delivered features through hermetic builds, automated regression testing, and multi-stage peer review
* Translated Figma designs to production UI at Google scale; maintained 100% test coverage
* Collaborated with PMs and designers in rapid 2-week sprints; presented technical tradeoffs clearly

**Software Engineer - Front End (Contract)  
Jefferson Health | Remote | Nov 2021 – Jan 2023**

* Built React/TypeScript/Next.j**s** IT support ticket routing tool; improved support ticket response times 3X
* Modernized entire Shopify development workflow: migrated to GitHub integration with protected branches, Shopify CLI for local dev, and automatic deployments—creating a proper dev-to-test-to-prod pipeline; trained the team on new practices
* Migrated Shopify 1.x to 2.0: converted all Liquid templates to JSON schema, doubling admin panel speed
* Reduced storefront load time ~25% through performance optimization (code-splitting, lazy loading, deferral)

**Software Engineer - Front End  
Dental Game Plan | Remote | Apr 2021 – Dec 2021**

* Regularly shipped React/TypeScript/Next.js landing pages for various clients during tenure
* Shipped 6 Jekyll Static Site Generator sites for healthcare clients; updated and optimized existing client sites
* Extended custom SSG framework architecture; reduced developer time 50% for future site launches

**Software Engineer - Front End  
Kul Inc. | Remote | May 2020 – Mar 2021**

* Second technical hire; owned entire Shopify storefront (Hydrogen/React, Liquid, JS) while company explored multiple revenue models
* Led a full rebranding and migration over 3 weeks, with zero downtime, during a strategic pivot
* Built front end for rewards system with data visualization and charts (c3.js, d3.js, Three.js)
* Experienced startup reality: rapid experimentation, trying multiple business models, competing priorities and rapid strategy shifts
* Optimized performance of the storefront, cutting load times by ~18% (code-splitting, lazy loading, deferral)

**Manager  
Marathon Products | 2015 – 2020**

* Managed production team, improved efficiency 15%, reduced processing errors 10%
* Implemented Help Desk system: ~50% faster response, zero lost tickets after launch
* Spearheaded Bug Tracking system adoption, increasing bug fix speed by 25%
* Achieved 30% fewer support tickets and a 75% drop in repetitive issues through documentation overhaul
* Administered and streamlined ISO 9001 compliance program
* Process improvements listed above saved company 100+ hours annually
* Transitioned to software engineering for continuous technical challenges; open to re-entry into leadership positions

**EMERGING TECH PROJECTS**

**Ethereum Smart Contract** | [github.com/mikkel250/SoftwareDevSmartContract](https://github.com/mikkel250/SoftwareDevSmartContract)  
• Built escrow system with Solidity, Hardhat, TypeScript for automated freelance payments  
• Implemented dispute resolution and on-chain fund management; deployed to testnet

**DeFi Analytics Dashboards** | [dune.com/uniwizards/eth-alt-pool-analytics-v4](https://dune.com/uniwizards/eth-alt-pool-analytics-v4)  
• Created 4 Dune Analytics dashboards analyzing tens of thousands of Ethereum L1/L2 liquidity pools  
• Built complex data pipelines (28 background queries) for real-time comparative analysis

**AI/ML Integration**  
• Set up Model Control Plane (MCP) for orchestrating AI workflows  
• Early Stable Diffusion adopter; run local instances for generative AI experiments

**PORTFOLIO**

**Portfolio:** [graceful-cucurucho-be578d.netlify.app](https://graceful-cucurucho-be578d.netlify.app/) (React/TypeScript showcase)  
**Production Sites:** [tickets.sfmoma.org](https://tickets.sfmoma.org/) | [marcusstore.jeffersonhealth.org](https://marcusstore.jeffersonhealth.org/) | [nudentistry.com](https://nudentistry.com/) | [aviaracenters.com](https://aviaracenters.com/)  
**Live Demos:** [freelancersmartcontract.netlify.app](https://freelancersmartcontract.netlify.app/) (smart contract front end) | [react-ecommerce-production-b661.up.railway.app (eCommerce store demo)](https://react-ecommerce-production-b661.up.railway.app/)

**EDUCATION**

**Full Stack Web Developer Bootcamp**, HyperionDev  
**Certified Shopify Theme Developer,** Shopify  
**BA Art History & BA Ceramics**, Cal Poly Humboldt

**SEO Certificates,** SemRush Academy