

# Michael Wolf

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An engineering leader, but a frontend platform engineer at heart, with a background in product design. Joined Blockworks as a senior IC and built the frontend platform that ships 4 separately branded products from one codebase, then headed up engineering before and through the Messari acquisition. Platform, web and design system work is what I enjoy most, and it's what I want to keep doing.

## EXPERIENCE

**Blockworks** crypto intelligence platform, research and media Feb 2024 - present

**Head of Engineering** Feb 2026 - present

*Led a 15 person org across frontend, backend and data. Added the management layer (3 engineering managers), wrote the leveling framework and formalized the culture and principles the org runs on.*

- Ran the engineering due diligence of the Messari acquisition: dug into both codebases, priced out 3 integration paths, and made the leveling and retention calls for the incoming team.
- Scoped the Unified Frontend project for the Messari x Blockworks integration, combining 3 frontends into one. On track to ship end of Q3 2026.
- Set the architecture for the combined data platform: kept Snowflake as the warehouse of record (Messari's was larger, their API more mature) with ClickHouse in front as the query layer for speed. Migrating off would have burned most of the 2 year, \$600K a year Snowflake contract while engineering shipped a migration instead of features.
- Cut roughly \$1M of annual spend after the acquisition, mostly vendor consolidation and rearchitecting how we use what we pay for. Consolidated observability onto Grafana along the way.

**Senior/Staff Software Engineer, Frontend** Feb 2024 - Feb 2026

*Owned the frontend platform: a TypeScript monorepo of 7 React/Next.js apps and a shared package system, plus the design system underneath it.*

- Shipped the blockworks.com redesign, including the design token system and dark mode.
- Built the component library (design system) with 4 build time themes, so 4 branded products ship from one codebase.
- Migrated the platform off Tailwind to Chakra v3 for style prop ergonomics and accessibility (ARIA and keyboard patterns) built into the component layer, then began unbundling it to Panda CSS and Ark UI to shed the Emotion runtime.
- Redesigned the metrics API, cutting 89 overlapping concepts down to 4 and replacing an 8 call comparison flow with a single call.
- Scoped and built the Investor Relations Platform MVP, and ran the dashboard platform's API v1 to v2 migration behind a compatibility shim, so the revenue products built on it never stopped shipping.
- Built the API SDK for the frontend platform and moved all 7 apps onto it.
- Owned bundle and build health across the monorepo: implemented tree shaking for shared libraries and the design/icon system, migrated off the barrel export pattern that was bloating per page bundles, and ran the Next.js 14 to 16 and React 17 to 19 upgrades.

**Futurestay** short term rental SaaS Oct 2022 - Sep 2023

**Director of Engineering** Jul 2023 - Sep 2023

*Promoted to lead the 10 person team: owned the roadmap with product, CS and operations, and stayed hands on for platform work.*

**Staff Software Engineer, Frontend** Oct 2022 - Jul 2023

*Primary frontend engineer standing up the next generation platform on React, Next.js and Vite. Set the frontend architecture, mentored the frontend team, ran two week cycles.*

**Yieldstreet** alternative investment platform

Nov 2021 - Nov 2022

### **Engineering Manager, Frontend**

*Managed 8 engineers across the web and mobile investing platforms while staying tech lead on product features. Set frontend conventions and review practice for both codebases.*

- Helped stand up the Advice team, which built the recommendation product for private and alternative investments.

**Electric** IT automation for small business

Oct 2018 - Sep 2021

### **Engineering Manager**

Jan 2021 - Sep 2021

*Managed 2 teams and 16 engineers (frontend platform; onboarding and user lifecycle), splitting time between management and code.*

### **Senior Software Engineer**

Jan 2020 - Jan 2021

*Led the frontend platform team and set the quarterly roadmap with stakeholders.*

- Stood up the design system with product design and got the product suite to about 90% adoption inside a year.

### **Software Engineer**

Oct 2018 - Jan 2020

*First frontend hire. Built Turbine, the B2B React application for IT automation, through the first 200 or so business customers.*

## **EARLIER**

Alphapoint, Frontend Engineer. White label crypto exchange frontends.

Sep 2017 - Oct 2018

Just Appraisers, Software Developer, UI/UX. B2C client portals.

Sep 2013 - Sep 2017

## **SKILLS**

**TECHNICAL** TypeScript/JavaScript, React, Next.js, Vite, Node.js, REST and GraphQL, design systems, Panda CSS, Ark UI, monorepo management, package management and distribution, CI/CD, observability

**LEADERSHIP** Org and team structure, leveling and performance frameworks, hiring, technical due diligence, vendor negotiation, incident response, roadmap and budget

## **EDUCATION**

MIT CSAIL, Human-Computer Interaction for User Experience Design

2018

St. John's University, Business

2009 - 2012