

# Michael Koch

## Software Engineer

Founding engineer with 5+ years of full-stack experience spanning React, Next.js, TypeScript, Python/FastAPI and cloud infrastructure. I've built products from 0 to 1 and scaled them, most recently taking a checkout-as-a-service platform to \$200k monthly revenue and \$15M in transaction volume across 400+ merchants.

My strength is owning the full picture and leadership: architecting systems, shipping features to production, and working directly with leadership to solve complex business problems. I've lead dev teams, collaborated with VPs and department heads, and delivered for clients ranging from startups to Fortune 500 companies.

I'm looking for roles where I can take ownership, solve hard problems, and ship products that scale.



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## Top SKILLS:

NextJS  
React  
TypeScript  
Python  
MongoDB  
Full-Stack

## Professional Experience

### December 2024 – Present

#### Founding Engineer @ Lasso Checkout

- Serving as the founding engineer and tech lead, taking the platform from 0 to 1 and evolving it for scale, now processing \$500k+ monthly revenue and \$60M monthly transaction volume across 700+ merchants
- Building a checkout-as-a-service platform that replaces Shopify's native checkout with a faster, conversion-optimized experience featuring flexible payments, custom styling, and seamless ad platform integrations.
- Increased checkout conversion rate by 40% through full-stack optimizations of reduced frontend bundles, faster database queries, redesigning checkout UI, and improved server architecture
- Built a custom analytics backend tracking millions in revenue and hundreds of thousands of sessions and building dashboards providing leadership actionable insights on platform performance
- Architected and integrated with Whop Payments, bringing the first Merchant of Record payment model to e-commerce and enabling merchants to offload payment liability while expanding checkout options for customers
- Integrated 10 ad platforms (Meta, TikTok, Google, Snapchat) with server-side conversion and customer tracking, enabling accurate attribution and optimized ad spend for merchants

**Experience:** React, Python (FastAPI), TypeScript, MongoDB, AWS DevOps

### November 2023 – December 2024

#### Software Development Contractor

- Sole developer on 2 full-stack products taken from inception to launch, owning UX design, frontend, backend, and database architecture
- Building an AI dream interpretation site with NextJS and MongoDB that has thousands of dreams logged with 20% of users coming back and receiving 2 or more interpretations ([dreamoracles.co](https://dreamoracles.co))
- Built a contractor hiring marketplace connecting real estate developers with construction labor, featuring job posting, applicant management, and real-time messaging using NextJS and Supabase
- Collaborating with teams of designers, product managers, and software developers to create a cross-platform React Native app for the music industry
- Delivered 6 client projects across industries with 100% satisfaction rate

**Experience:** NextJS, Tailwind CSS, Node.js, TypeScript, React, MongoDB, AI/LLMs, Supabase, React Native

### March 2023 – March 2024

#### Associate Software Engineer @ JP Morgan Chase

- Served as Lead Front-End Developer, owning all UI development for chase.com's preferences page used by millions of customers
- Shipped React upgrades that improved data accuracy and user satisfaction on customer-facing preference management
- Drove code quality by implementing automated testing that increased coverage to 90%, enabling confident production deploys
- Maintained CI/CD pipelines to catch bugs early and accelerate release cycles
- Delivered technical presentations to non-technical stakeholders, translating complex features into business value

**Experience:** React, Java, Spring Boot, CI/CD, Junit, SQL, AWS, TDD, REST APIs, Cloud, JavaScript, Terraform, MySQL

### May 2021 – March 2023

#### Software Developer @ CCLR

- Led dev team on 5+ projects, partnering with VP and department leads to replace manual pen-and-paper workflows with automated systems that reduced processing time and human error across 3 departments
- Designed and built a hand-serving subpoena system from the ground up, enabling faster and more reliable service processing
- Built internal data visualization tools with complex SQL queries and custom UI

**Experience:** JavaScript, ASP.NET, C#, jQuery, SQL, HTML, Product Management, CSS, MySQL

### June 2020 – August 2020

#### Software Development Intern @ Maxeta Technologies Inc.

- Built client-facing automation tools that streamlined daily employee workflows using TypeScript and Angular.

## Education

2017 - 2021 - Philadelphia

Temple University

BS Computer Engineering & Minor in Computer Science