CHRIS KIRK SOFTWARE ENGINEER

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 cperryk

As a software leader with a decade of experience, I've worked across a wide variety of problem spaces and technologies, playing critical roles in high-profile projects. My passion is building innovative products and world-class engineering teams.

EXPERIENCE

Datadog
Engineering Manager
June 2023 – Present | New York City | Full time

Leads the product engineering team responsible for Datadog's incident management product.

Peloton
Engineering Manager
Feb. 2021 – June 2023 | New York City | Full time

- Led a backend engineering team responsible for the content search and discovery experiences serving Peloton's 7 million members, balancing the interests of dozens of stakeholders from across the company, including partners in Product, Marketing, Production, and Engineering
- Trained, coached, mentored, and managed a distributed team of 14 direct reports ranging from junior to staff level, defining processes, policies, and support structures
- Oversaw a long-running effort to migrate hundreds of endpoints from a Python monolith to event-driven microservices fronted by a GraphQL gateway
- Led of a cross-functional project team of 15 engineers to deliver a suite of successful new features to improve the workout experience for Peloton members, such as Movements and Body Activity
- Established a standardized recruitment process for all backend teams, allowing them to hire quickly and effectively
- Drove significant improvements to the engineering onboarding experience, shortening the path to productivity for new hires across all product backend teams
- Successfully led a departmental effort to define team ownership over hundreds of resources, allowing Peloton to maintain operational excellence as it scaled

Lifion by ADP
Lead Platform Engineer
2018 – 2021 | New York City | Full time

- As functional lead of a team of eight engineers responsible for Lifion's client management system, organized project work, set architectural direction, and worked closely with product stakeholders
- Mentored other engineers and gave technical presentations weekly
- Designed and implemented a new federated GraphQL API, backed by TypeScript microservices
- Reworked outdated domain models and systems with a focus on test-driven development, multi-paradigm programming, and domain-driven design
- Successfully led a team of developers to deliver a new data processing tool under a critical deadline

New York Magazine
Senior Full-Stack Engineer
2016 – 2018 | New York City | Full time

- Spearheaded the full-stack engineering of The Cut's homepage redesign, including the Node microservice that populates homepages with content based on editorial specifications
- Designed a dynamic client-side JavaScript dependency analysis and bundling system, shrinking response payloads on article pages up to 18 percent globally
- Contributed to the in-house, Vue-based content-management system and page editor
- Built The Year In Memes, a National Magazine Award finalist

Slate.com
Lead News Apps Engineer
2012 – 2016 | New York City | Full time

- Built interactive visualizations, widgets, and games using Node and React
- Developed apps that told important stories about gun violence, dark money, and gentrification
- Produced some of Slate's most recognizable work, including the Game of Thrones Graveyard and the Outrage Calendar, a National Magazine Award finalist
- Developed games, such as the Gerrymander Jigsaw Puzzle and the Starbucks Quiz, as well as a production platform for creating audio and video quizzes
- Built Slate's Gun Deaths project, featured on NPR, MSNBC, and The Daily Show
- Built a desktop email client and chronicled the project in a long-form essay
- Managed a junior engineer and three interns
- Broke Slate's all-time traffic record with the "Travoltify Your Name" generator

City University of New York
Adjunct Lecturer
2015 – 2016 | New York City | Part time

Taught data journalism, HTML, JavaScript, and R to graduate students with my own coursework

Yahoo!
New Media Intern
Summer 2010, Summer 2011 | Sunnyvale | Full time

Evaluated geoparsing software for a new hyperlocal news product

EDUCATION

Northwestern University
Magna Cum Laude
Bachelor of Science in Journalism

SKILLS

JavaScript	GraphQL	Kubernetes
TypeScript	PostgreSQL	Docker
Python	MySQL	Terraform
Golang	MongoDB	Vue
Node	DynamoDB	D3
React	AWS	Git
Webpack	Elasticsearch	R

RECOGNITION

Finalist, Multimedia Feature, National Magazine Awards 2017

Best Single-Topic News or Feature, Education Writers Association, 2016

Finalist, Multimedia Feature, National Magazine Awards 2015