JONATHAN KOLYER

SOFTWARE DEVELOPMENT PROFESSIONAL

CONTACT DETAILS

Location: San Francisco
Phone: 415-699-2175
[Email](#)
[Github](#)
[LinkedIn](#)
[Resume](#)

LANGUAGES

- TypeScript / JavaScript
- Python / Ruby / Java
- HTML / CSS
- SQL / GraphQL
- Swift / Objective-C

SOME TOOLS & FRAMEWORKS

- AWS
- Kubernetes
- LangChain
- NodeJs
- Rails
- React / React Native
- PostgreSQL / Redis / MongoDB
- ELK
- Nx.dev
- Functional Programming

PROFILE

Seasoned developer & leader over 25 years – specializing in pattern-based architectures solving business problems.

PROFESSIONAL SKILLS

Technical Leadership
Process and project management. SDLC. Product strategy.

Management
Mentorship. Communications. Team experience. Bootstrapping.

Software Design & Implementation
Cloud microservices. Chatbots. Mobile. GitOps. Media processing. Monorepos. SaaS.

WORK EXPERIENCE

Engineering Manager
[QuickNode, Inc.](#)
June 2022 – July 2023
- Grew apps team from zero to twenty ICs with six direct reports.
- Managed monorepo infrastructure for a dozen applications.
- Built development cloud infrastructure on AWS.
- Built CI/CD pipeline for Kubernetes & ArgoCD.
- Initiated ELK observability and monitoring systems deployment.
- Prototyped content generation tools with ChatGPT/LangChain.

Principal / Founding Engineer
Chask.ai
September 2020 – June 2022
Developer of chatbot platform for group task management.

Head of Solutions Engineering
[Doc.ai](#)
January 2019 – May 2020
Technical lead for mobile engagements with [Anthem](#).

Mobile Architect – IOS
[TextNow](#)
May 2017 – August 2018
Designed new chat interface framework for [telephony & messaging](#) platform; introduced best practices and testing processes.

PROJECTS

Currently working on a [RAG](#) application (forking this [repository](#)).

Founding Engineer

[JamKazam](#)

January 2013 – May 2018

Built a suite of applications for musicians to play together online.

Software Architect

[PayNearMe](#)

February 2014 – February 2017

Point-of-sale mobile and back-end applications.

Chief Technical Officer / Founding Engineer

[PodOmatic](#)

March 2005 – February 2013

Technical lead for podcasting social network wearing any hat necessary.

Previous Roles

1991 – 2013

- Actor – represented by [Look Talent](#)
- SaleSorter – CTO: retail sales aggregator start-up
- [Bowstreet](#) – Solutions Architect: Cisco Systems engagement
- [Moody's KMV](#) – Web Architect: Credit risk modelling
- Infoscape – System Consultant: Java-based products
- [Apple](#) – Consulting Engineer: On-site custom app development
- [AT&T Wireless](#): Consulting engineer
- WhiteLight Systems: Lead developer
- [NASA Ames](#): Research software engineer
- UC Berkeley: Research software engineer

EDUCATION

MS, Industrial Engineering & Operations Research

[University of California, Berkeley](#)

1991

BA, Mathematics

[Northwestern University](#)

1987