PROFILE

- Over twenty years professional engineering experience in a variety of programming languages including Ruby, Go, JavaScript, Swift, and Python.
- Over ten years experience serving as technical leader and manager for teams.
- Extensive experience working cross-functionally with business stakeholders and technical teams.

EXPERIENCE

TECHNICAL PRINCIPAL @ SEQUOIA CAPITAL

DEC 22 - NOW

Building and developing diverse engineering teams focusing on internal tooling for operators and investors. Playing a key role in developing and executing the firm's internal technology and AI/ML strategy. Helping investment team execute due diligence and technical evaluation of investment opportunities.

SENIOR ENGINEER @ SEQUOIA CAPITAL

APR 20 - DEC 22

Lead implementation of internal applications to help operators and investors work better.

SENIOR ENGINEER @ IFTTT

JUL 19 - APR 20

Drove architecture and implementation of microservice driven systems for an established startup.

SENIOR ENGINEER @ APPLE

OCT 17 – JUL 19

Worked on documentation systems for the Apple developer ecosystem. Worked to implement engineering standards across the whole company including the use of OpenAPI specifications.

SENIOR ENGINEER @ KOLIDE

MAY 17 - OCT 17

Joined as an early employee to lead architecture and implementation of an endpoint monitoring web application that was recently acquired by 1Password.

SENIOR FULL-STACK ENGINEER @ PLANNING CENTER

JAN 17 - MAY 17

Developed new features across a suite of web and mobile applications with millions of users.

SECURITY ENGINEER @ VOX MEDIA

AUG 16 - JAN 17

Spearheaded application security efforts across all teams and verticals at Vox Media.

PRINCIPAL ENGINEER, OFFICE OF THE CTO @ FIREEYE

AUG 15 - AUG 16

Lead engineering teams implementing special projects for the CTO and company partners.

SENIOR MANAGER, DETECTION @ FIREEYE

JAN 15 - AUG 15

Managed remote teams of engineers and lead architecture for a threat detection engine.

SENIOR ENGINEER @ FIREEYE

SEPT 13 – JAN 15

Lead development of a threat intelligence sharing platform.

SOFTWARE ENGINEER @ GITHUB

MAY 12 - AUG 13

Worked on new features, code quality, and security features. Worked to develop the first implementation of two-factor authentication in a major consumer SaaS product and built out rich code documentation tools.

PRINCIPAL @ ARCTURO

APR 11 - MAY 12

Founded a consultancy that built projects for clients such as Harvard University, LexisNexis, and Intuit.

CONSULTANT @ VARIOUS

MAY 03 - APR 11

Worked with clients such as the U.S. government, the McGraw-Hill Companies, Disney, Oracle, and Producers Guild of America at a variety of consultancies.

PUBLICATIONS

THE HUMBLE LITTLE RUBY BOOK, SELF-PUBLISHED

An introductory Ruby text, written in a whimsical style. It has been downloaded over 100,000 times.

RUBY IN PRACTICE, MANNING PUBLICATIONS

An "enterprise cookbook" with discussion of real-world scenarios and their Ruby solutions.

RAILS UPGRADE HANDBOOK, SELF-PUBLISHED

The definitive, Ruby on Rails Core team-endorsed manual for upgrading between Rails 2 and Rails 3.

MACRUBY IN PRACTICE, MANNING PUBLICATIONS

A book for Ruby fans who want to write code for Apple platforms but stay in their favorite language.

EDUCATION

M.L.S. Software Engineering

Harvard University, Extension School, Boston, MA (online)

Earned 8 credits with 4.0 GPA. Unable to complete program due to personal circumstances.

B.S. Organizational Leadership and Bible/Theology (Double Major)

Johnson University, Knoxville, TN (on-campus/online)

Graduated May 2016 after finishing online.