

Yechiel Kalmenson

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Software Engineer with experience in all parts of the stack, from designing UI/UX elements, to server side business logic and database design, to infrastructure engineering on multiple platforms and operating systems. I bring a passion for clean, well-documented, and well-tested code with a focus on maintainability and expandability.

EMPLOYMENT HISTORY

VMware - Pivotal Software Inc. New York, NY

Software Engineer, November 2018 - Present

- Worked on many parts of the CloudFoundry codebase
- Ensured pragmatic feature parity for Cloud Foundry users on Windows Server
- Wrote a Windows implementation for Envoy Proxy
- Collected telemetry and insights into the use of our products, vastly improving the ability for support team to debug and assist our customers in the field
- Was one out of a 3 member team charged with supporting DAVOS, our internal tool to keep track of CVEs and security vulnerabilities in our products and publish security disclosures to the company blogs

Newtek Business Services, Lake Success, NY

Full-Stack Developer, January 2018 - November 2018

- Maintained the company's legacy PHP applications
- Fielded, Triaged and prioritized bug reports and new feature requests
- Got rid of many security holes in some of the older parts of the code

Fidelity Payment Services, Brooklyn, NY

FinTech Integration Specialist, December 2016 - January 2018

Technical Support, June 2015 - December 2016

- Wrote a React/Rails app to help the Integrations Department keep track of incoming integration requests
- Set up POS terminals and Payment Gateways for new merchants
- Researched and provided solutions to integrate merchants' gateways and shopping-carts with our payment processing

Jewish Online School, Remote

Teacher, September 2010 - June 2015

- Spearheaded remote instruction for elementary-aged children pre-pandemic
 - Prepared and delivered interactive syllabi, with a focus on keeping students and their parents engaged in a challenging online setting
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TECHNICAL SKILLS

Technical experience: PHP, Python, Go, C++, Ruby/Rails, RSpec, JavaScript/React, SQL.

Interpersonal experience: Pair Programming, TDD, Code Review, XP methodologies, technical writing.

TALKS - WRITING

Torah & Tech

Book/Weekly Newsletter - [Website](https://yechiel.me)

Torah & Tech is a weekly newsletter published by two rabbis-turned-programmers with discussions on the intersection of Torah, ethics, technology, teamwork, mentorship, ethical tech, AI, and many more. The first year's worth of newsletters have been collected and printed in the book **Torah & Tech; Discussions at the Intersection of Torah and Technology**.

Porting Envoy To Windows

KubeCon 2019 - [Video](#) | [Slides](#)

Envoy is an open source edge and service proxy, designed for cloud-native applications. For a half a year I joined Pivotal's effort to contribute a Windows implementation. In this talk, I, together with my pair William Rowe provided a progress report on where the work was holding, and what still had to be done.

Technical Blog

DEV.to profile - [YechielK](https://yechielk.dev.to)

Most of my technical posts, including tutorials, answers to popular interview questions, code-alongs, conference talks, career tips, and more.

Rabbi On Rails

Blog - RabbiOnRails.io

My blog where I pontificate on matters related to Judaism, tech, career, and more.