Yechiel Kalmenson

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I'm a Teacher turned Software Engineer, I still never lost the passion for teaching. In addition to my teaching background, I have a background in the FinTech industry, and am familiar with all aspects of Payment Processing, as well as a variety of Payment Gateways and e-commerce platforms. I bring strong problems solving skills and attention to details, as well as a passion for learning and mentoring that help me constantly grow as an engineer and as a person.

TECHNICAL PROJECTS

Alternate Side Bot - [GitHub](#) | [Blog Post](#) | [Twitter Account](#)
A Twitter bot that retweets whenever Alternate Side Parking rules are suspended in New York City. Users can also subscribe to get SMS notifications or call in to get the latests status.
- **Twitter bot** was built in **NodeJS**
- Added a **Ruby** app that uses the **Twilio API** to let users subscribe using an **SMS** message from their phone
- The **Ruby/Twilio** app also lets users call in to hear a voice recording of the latest status.

Compatibility-List - [GitHub](#) | [Blog Post](#) | [Demo](#) (Demo Username: **demo,** Password: **demouser**)
An app I created to help the integration department keep track of which gateways and shopping carts we integrate with (the demo is to an earlier version of the app that I built to help me keep track of job applications).
- Built using **ReactJS+Redux** to handle the client-side application
- Created a **Rails REST API** and **PosgreSQL database** for the **backend**
- Used **JWT Tokens** to **authenticate** users
- Used **RSpec** for **Test-Driven-Development** of the **Rails API**

FlyLog - [GitHub](#) | [Blog Post](#) | [Demo](#) (**Demo Username: demo@yechiel.me, Password: demouser**)
An online logbook to help pilots keep track of their flight-hours and certifications.
- Built using **Rails** with a **PostgreSQL database**
- Used **GitHub OAuth** to let users sign in with their **GitHub accounts**.

Corneal - [GitHub](#) | [Blog Post](#)
*A Ruby gem the generates a structure for a basic **Sinatra** app, with Model and Scaffold generators.*
- A collaborative open-source project.
- Used **Thor** to build generators for Models, Views, and Controllers similar to the **Rails generators**

TECHNICAL SKILLS

Professional experience including: HTML/CSS, PHP, Ruby, Go, C++, JavaScript, Python, Ract, Rails, Sinatra, RSpec, SQL

EMPLOYMENT HISTORY

Pivotal Software Inc. New York, NY

Software Engineer, *November 2018 - Present*
- Became proficient in XP software development practices (Pair Programming, TDD)
- Ensured pragmatic feature parity for Cloud Foundry users on Windows
- Contributed a Windows implementation for Envoy Proxy

Newtek Business Services, Lake Success, NY

Full-Stack Developer, *January 2018 - November 2018*
- Maintained the company's legacy PHP applications
- Triaged and fixed bug reports and new feature requests
- Got rid of 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
- Provided Technical Support to existing merchants via phone and remote sessions
- Researched and provided solutions to integrate merchants' gateways and shopping-carts with our payment processing

Jewish Online School, Remote

Teacher - 2nd-3rd grade, *September 2010 - June 2015*
- Taught Jewish Studies to children in remote locations without Jewish Schools
- Prepared interactive lessons with a focus on keeping students engaged in a challenging online setting