

# Yechiel Kalmenson

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Full stack web developer with a passion for teaching the joys of writing clean, tested code. I have experience with Ruby on Rails and JavaScript frameworks like ReactJS. 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, as well as online education 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 a developer and as a person.

## TECHNICAL PROJECTS

**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 PostgreSQL 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](mailto: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 that 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

**Freddit** - [GitHub](#) (Sinatra Version : [Here](#)) | [Blog Post](#) | [Demo](#) (Demo Username: demouser, Password: demouser)

A basic Reddit clone with threads and nested comments for users to socialize

- Built using Rails with a PostgreSQL database
- Used jQuery to render forms and post content to the DOM
- Earlier version of the app was built using Sinatra

## TECHNICAL SKILLS

Completed Full Stack Web Development Program at The Flatiron School

Gained proficiency in: HTML, CSS, PHP, Ruby, Rails, Sinatra, SQL, Linux, RSpec, TDD, JavaScript, jQuery, ReactJS, Redux, Heroku

## EMPLOYMENT HISTORY

**Newtek Business Services**, Lake Success, NY

Full-Stack Developer, January 2018 - Present

- 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
- Communicated with parents about the progress their children were making
- Planned and organized extra-curricular activities, end-of-year assemblies, and special projects.