

Jacob Nelken

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Experience

Software Engineer (New York, NY) 2017 - Present

dv01

- ❖ Wrote a script to automatically generate a living style guide from our CSS
- ❖ Used d3, reactJS and styled-components to create full-page SVG visualizations
- ❖ Followed TDD with linting, unit tests and integration tests
- ❖ Wrote Scala backend APIs to query analytics and data from SQLServer and Azure

Software Engineer (Brooklyn, NY) 2016 - 2017

Nameless Network

- ❖ Engineered the web + mobile video-streaming platform used by millions
- ❖ Developed the official iOS app in released in the App Store
- ❖ Optimized site load-times with image scaling, caching, server-side rendering, and pagination
- ❖ Streamed SQL query results by row for faster results and to prevent thread-blocking
- ❖ Implemented sockets for live chat functionality and viewer count analytics

Full-Stack Web Developer (Brooklyn, NY) 2015 - 2016

Freelance

- ❖ Built Ruby on Rails apps using Postgres and ReactJS hosted on Heroku
- ❖ Wrote my own authentication flow using hashed passwords and session cookies
- ❖ Utilized ActiveRecord and the Rails cli for db schema/model construction and migrations
- ❖ Handled a wide variety of projects, from Google app scripts to SEO optimization

Projects

Rainwav.club (2015) [Live](#) | [GitHub](#)

Social music-streaming web app (React, Rails, AWS S3, Postgres)

- ❖ Utilizes React and Flux to provide a single-page app experience on a RESTful Rails API
- ❖ Hosted user-uploaded assets on S3
- ❖ Hand-written authentication hash and session token logic

Skills

React.js D3, ES6 Ruby CSS SASS SQL React-Native Node.js Scala AWS Azure SEO git

Education

App Academy (New York, NY) *Web Development 2015*

- ❖ 3-month intensive full-stack web development course (acceptance rate < 3%)
- ❖ Emphasizes TDD, pair-programming, and readable code

Reed College (Portland, OR) *BA Psychology 2013*

- ❖ Graduated from the toughest school in the US - <http://bit.ly/2jOwTPJ>
- ❖ Completed an in-depth Psychology research thesis (60 pg.) - <http://bit.ly/1QJScJW>