Jacob Nelken

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Experience

Frontend Engineer (New York, NY)   2017 - Present
dv01
- ❖ Implemented d3, vx, styled-components and React to create full-page SVG visualizations
- ❖ Updated our codebase to use the latest React 16 and ES7 features
- ❖ Pioneered the redesign our customer dataset configuration architecture
- ❖ Wrote robust unit and integration tests for web page components and function logic
- ❖ Created scripts that visualize/diff json objects with a UI allowing for easy reading / debugging

Software Engineer (Brooklyn, NY)   2016 - 2017
Nameless Network
- ❖ Engineered the web and mobile video-streaming platform viewed by millions
- ❖ Developed the official React Native iOS app in released in the App Store
- ❖ Optimized site load-times with image scaling, caching, server-side rendering, and pagination
- ❖ Switched to streaming SQL results for faster performance 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
- ❖ Rolled my own authentication flow using salted + hashed passwords and session cookies
- ❖ Experimented with third-party APIs from Soundcloud, Google, Amazon and others
- ❖ Handled a wide variety of projects, from Google app scripts to SEO optimization

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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
- ❖ Hosts user assets on Amazon S3 and user data on Postgres database via Heroku

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Skills

React	JavaScript	Scala	Node	Sass	SQL	d3	AWS	Azure

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