

# Noah Appelbaum

New grad developer with extensive experience in performance, training, and writing

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[LinkedIn](#) | [Github](#)

## TECHNICAL SKILLS

**Languages** - JavaScript, TypeScript, Python, Java, SQL, HTML, CSS, Bash

**Frameworks / Tools** - Node.js, Django, Flask, React, React Native, Next.js, Express, PostgreSQL, Jasmine, Jest, SQLAlchemy, unittest, Git, Github, AWS (S3, EC2)

**Libraries** - React Testing Library, Bootstrap CSS, Tailwind CSS

## SOFTWARE ENGINEER EXPERIENCE

### Software Engineer

July 2022 – Present

*EKF Martial Arts*

Chicago, IL

- Designed gym website including customized waiver and e-commerce widgets, resulting in a 100% increase in membership inquiries
- Ongoing HTML and CSS work for marketing and optimization

### Volunteer Software Engineer

December 2023 – Present

*Chi Hack Night*

Chicago, IL

- Worked with the Ward Wise team to rebuild an existing civic tech site in Next.js, from conception and architectural planning to implementation
- Wrote API integrations with the Chicago Data Portal, using both client-side AJAX and server components

### Volunteer Software Engineer

December 2023 – Present

*Playmakers Laboratory*

Chicago, IL

- Updated page templates and HTML across an arts education non-profit website for modernized look and feel and usability best practices
- Reorganized site configuration and CMS dashboard settings to allow non-technical staff to update pages in 75% fewer steps

### Software Engineer Intern

October 2023 – November 2023

*Rithm School*

San Francisco, CA

- Built a React Native app for a mobile admissions pipeline saving candidate info to a provided JSON REST API
- Wrote features, tests, and documentation in Django for a production, customer-facing and white-labeled Learning Management System with an Agile process
  - Built an announcements app, in Python and JavaScript, allowing staff members to relay information to student cohorts of any size through the admin dashboard
  - Wrote tests in the Django testing framework to maintain over 98% coverage
  - Built model factories in Factory Boy for unit testing and cross-app integration testing
  - Concepted and built a frontend UI template tag allowing staff and instructors to see curriculum asset access history, improving staff onboarding time and student performance evaluation

## TECHNICAL PROJECTS

### Jobly

[Live Demo](#) | [Github](#)

- Implemented a backend REST API for a careers webservice in Express
- Used test-driven-development in Jest to keep functional logic efficient while achieving 99% coverage
- Created a React frontend with secure token-based authentication and sitewide authorization through context
- Wrote live search functionality with Lodash methods for user-friendly, responsive search
- Styled pages with CSS for usability and contemporary look and feel

## Pix.ly

[Github](#)

- Utilized AWS S3 hosting for object storage to provide consistent frontend and backend access to images
- Concepted, designed, and implemented a Python backend with Flask for serving and editing images
- Designed database models and relationships with SQLAlchemy to allow users to instantly switch between edited image variations
- Laid out and built an interactive frontend with masonry for image sharing and editing

## ADDITIONAL WORK EXPERIENCE

### Lead Teacher

October 2017 – Present

*Playmakers Laboratory*

Chicago, IL

- Managed teams of 3-5 teaching artists in public school residencies that raised district-defined student language arts and literacy skills by over 17% for participating students
- Served on the hiring committee and interviewed executive leadership candidates
- Researched tools and led workshops on remote classroom teaching that aided in a smooth transition to online instruction during school closures

### Performing Artist

May 2009 – August 2023

*Self-Employed*

- Performed in over 70 plays, operas, movies, commercials, and videogames, including productions with The Lyric Opera of Chicago, NetherRealm Studios, and The Chicago International Puppet Festival
- Worked to build leads, prepare auditions, and negotiate contracts for hundreds of productions to sustain a self-employed career in the arts
- Collaborated with artists, technicians, and producers as a performer and director to bring more than 20 pieces of new work from concept to production

### Instructor

June 2017 – July 2023

*The Second City Training Center*

Chicago, IL

- Taught hundreds of students improv, clowning, and physical comedy, receiving the highest possible student satisfaction evaluations
- Researched, planned, and wrote original curriculum, which has been taught to over 600 students

### Writer, Editor

May 2013 – September 2017

*Freelance*

- Increased page traffic by 10x during my tenure as a contributing editor for Fansided, a Time Inc. company, using Google Analytics to track and improve SEO strategies
- Generated over 100k pageviews as a writer for The Barnes and Noble Blog Network

## EDUCATION

### Rithm School

2023

Full Stack Web Development Bootcamp

### The Columbia Publishing Course

2015

Professional Certificate in book, magazine, and web publishing

New York, NY

### Bard College at Simon's Rock

2005 – 2009

B.A. Degree, *magna cum laude*

Great Barrington, MA