

# Eitan Akman

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[GitHub](#) · [LinkedIn](#)

Python, JavaScript, React, Redux, Flask, SQL, Git, HTML, CSS, Bootstrap, Nginx, Docker, Linux, Ruby, Rails, Ansible

## Work Experience

### Bank of New York (BNY) Mellon

New York, NY · July 2017 - Present

#### Software Engineer

- Developer of web frontend and backend API give users the ability to execute read-only commands on remote networking devices. This has greatly improved overall efficiency of the data center network engineering team by reducing the need for individual SSH sessions making diagnosing widespread networking or configurations problems easier in many cases.
- Built Python REST client for a popular Cisco automation tool, DCNM, greatly simplifying API usage. The REST client is used daily to automate router configuration backup of ~70 critical data center devices.
- Principal developer and chair of code review and submission process for automated disaster recovery testing initiative.
- Play a key role in promoting a culture of automation in the data center through the use of Ansible and Python scripting as well as SDLC tools such as Git and JIRA.
- Lead developer of automated Anycast DNS configuration rollout (>1000 devices).
- Published Git How-To Confluence tutorial for Network Engineering which has since been referenced in various internal BNY automation documents.

### Professional Musician

Brooklyn, NY · 2012 - 2016

- Sub guitarist on Wicked (Broadway) and Clinton the Musical (Off-Broadway).

## Education

### App Academy

New York, NY · October 2016 - January 2017

**1000-hour Full-stack web development course · acceptance rate < 5%**

- Gained proficiency in Rails, JavaScript, React, SQL, OOP as well as classic algorithms and data structures through intensive daily programming assignments.
- Received consistently positive reviews through 7 weeks of pair programming.

### Berklee College of Music

Boston, MA · September 2008 - May 2012

**BA Music Performance · GPA - 3.64**

- Graduated Magna Cum Laude.
- North American Tour scholarship recipient.

## Recent Personal Projects

### Public X Design 2018 Workshop

[public x design](#) | [repo](#)

**Co-led of Python Data Analysis workshop using Jupyter Notebooks**

- Co-led hands-on Python workshop at Public X Design conference.
- Deployed 30 jupyter notebooks across 5 AWS virtual machines using Docker Swarm and Ansible giving each workshop participant a personalized python environment.

### Ansible

[ansible](#) | [repo](#)

**Open-source contributor to Ansible**

- Provided several approved bug fixes and pull requests along with accompanying integration and unit tests.

**Quickstagram**

[website](#) | [repo](#)

**Stepper**

[website](#) | [repo](#)

**jsTinker**

[website](#) | [repo](#)