Nate Snyder

Full Stack Software Engineer

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EXPERIENCE

Software Engineer @ Rithm

MAR 2022 - APR 2022 // *San Francisco, CA*

- ➤ Enabled editing of curriculum on a single page using **jQuery** and **Ajax**.
- ➤ Automated three step enrollment process into single form.

Software Engineer @ Eudemonia

MAY 2016 - JUN 2020 // *Berkeley, CA*

- ➤ Created a price adjustment system to update every 30 minutes, increasing the customer base.
- ➤ Designed and implemented in-house and SaaS inventory management systems for game cards.
- ➤ Developed inventory price update system using web scraper, **Google Bucket** and **Cloud Functions**.
- ➤ Coded event account creation, refunds, checkout with store credit or credit card using RESTful APIs.

Freelance Software Engineer

JAN 2016 - MAR 2016 // *Berkeley, CA*

- ➤ Created Web Scraper in **Python** with **Scrapy** using **PostgreSQL** to collect and store card prices.
- ➤ Sold Web Scraper to Eudemonia.

Software Engineer Intern @ SquareTrade

JUN 2015 - AUG 2015 // *San Francisco, CA*

- ➤ Transitioned from RDBMS storage to **Hadoop**, increasing performance from 7 hrs to 20 minutes.
- ➤ Programmed **Java MapReduce** to decode, parse binary files, load data into tables.
- ➤ Created a denormalized table with **Impala/Hive** and imported tables with **Sqoop** into **Hadoop**.
- ➤ Automated process with **Bash Shell Script**.

PROJECTS

Warbler – A clone of Twitter built using **Python, Flask,** and **PostgreSQL**. Demo | Github

Jobly – A job application site built using **React** on the frontend and **Express** with **PostgreSQL** on the backend. Demo | GitHub

SKILLS

Programming Languages:
Python, JavaScript, Node.js, HTML, CSS, Bash

Libraries/Frameworks:
Django, Flask, Express, React, AJAX, jQuery, GraphQL, Scrapy, SQLAlchemy, Selenium

Databases:
PostgreSQL, MySQL

Deployment Services:
Google Cloud, AWS, Heroku, Surge.sh, GitHub pages

EDUCATION

Rithm School

JAN 2022 - APR 2022

// San Francisco, CA

Full Stack Web Development

University of California, Berkeley

AUG 2011 - JUL 2014

// Berkeley, CA

B.A. in Applied Mathematics

VOLUNTEERING

OpenOakland

FEB 2020 - MAR 2020

// San Francisco, CA

Contributed to backend for U.S. Census registration events project in Django.

Interests

Hiking, gaming, cooking, and reading science fiction.