

Kevin Tom

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[LinkedIn](#)

[GitHub](#)

[Portfolio Site](#)

New York, NY

TECHNICAL SKILLS React.js, Rails, JavaScript, Ruby, Redux.js, PostgreSQL, SQLite3, jQuery, Python, AWS, HTML5, CSS3, JIRA

PROJECTS

Tomflix

[Live Site](#) | [GitHub](#)

A full stack project inspired by Netflix built using React, Redux, JavaScript, Rails, Ruby, AWS, and PostgreSQL

- Integrated cloud storage by utilizing AWS S3 with Rails Active Storage associations to improve scalability and reduce load time for displaying video content and cover photos.
- Developed user authentication using frontend auth and protected routes with React-Router and BCrypt with Active Record ensuring authentication state persistence.
- Utilized the Redux store, AJAX requests, and debounce functionality to query specific videos for an interactive search bar.
- Built personalized playlist functionality using CRUD endpoints through jQuery's '.ajax()' method and PostgreSQL to allow users to modify their MyList on the frontend and persist on the backend.

MoAA

[Live Site](#) | [GitHub](#)

A Pathfinder Algorithm Visualizer implemented with Vanilla JavaScript and Canvas

- Engineered a pathfinder simulation showcasing the traversal of search algorithms through nodes.
- Implemented Dijkstra's Algorithm, Breadth-first search, and Depth-first search by utilizing adjacency lists, stacks, and queues demonstrating distinctions between the algorithms.
- Leveraged custom event listeners to allow user to add walls and weights to nodes.

EXPERIENCE

Solutions Analyst

May 2019 - Aug 2019

Associate Solutions Analyst

June 2018 - May 2019

Vitech Systems Group

- Created solution design documents that implemented new income annuities functionality to an enterprise proprietary software for MetLife.
- Composed 300+ regression test cases utilizing PLSQL scripts ensuring complete coverage of accurate core functionality for the upcoming software migration.
- Integrated the client's business requirements by acting as a liaison between the client and development team strengthening product quality and communication.
- Headed the object inventory and data loading modules in preparation for Systems Integration Testing.

IT Audit & Regulatory Intern

May 2017 - Aug 2017

New York Community Bank (NYCB)

- Audited and assessed the effectiveness of internal technical controls to mitigate thousands of operational risks.
- Flowcharted data interfaces for SOX financial applications using Visio to visualize the compliance of internal technologies.

Technical Assistant

Sept 2014 - May 2018

NYU Media Support Services

- Diagnosed and resolved hundreds of technical issues with integrated audio/visual systems improving satisfaction of classes.
- Provided technical support for university events and conferences while managing client expectations.

EDUCATION

App Academy - 1000-hour immersive full-stack web development intensive with <3% acceptance rate

Aug 2019 – Nov 2019

New York University, Tandon School of Engineering - BS - Business Technology Management

Sept 2014 – May 2018

- *Applicable Courses: Intro to Python, Intro to Web Dev, Data Analysis, Data Communications & Networking, MIS*

Stuyvesant High School - Advanced Regents Diploma

Sept 2010 – June 2014