

Ryan Jacobson

Highly skilled full stack web developer with a passion for creating dynamic and innovative web applications.

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Relevant Experience

Software Engineer II, JP Morgan Chase Jan 2023 – Present

Software Engineer I Dec 2021 – Dec 2022

- Created a dashboard using Next.JS, PostgreSQL and TailwindCSS which are being used to detect statistics for our internal web applications.
- Designed and implemented RESTful APIs using Node.js, Express.js, and MongoDB.
- Led migration of several internal web applications from static HTML, to modern React frameworks such as Next.js.
- Conducted code reviews and provided technical guidance to junior developers.
- Collaborated with designers to create pixel-perfect user interfaces and improve user experience.
- Managed cloud infrastructure on AWS, including EC2 instances, S3 buckets, and Lambda functions.
- Educated team members by holding weekly training sessions to enhance their Javascript and React skill-set which allowed them to contribute to more projects across all sectors.

Software Engineer Intern, JP Morgan Chase Jun 2019 – Dec 2021

- Performed quality assurance testing on web applications to assess ADA compliance.
- Developed a scanning tool which enabled the firm to get more accurate accessibility coverage across their internal web applications.
- Assisted with creating test scripts and ADA defects in JIRA.

Education

Montclair State University B.S. Computer Science

Skills

Languages

Javascript, TypeScript, HTML, CSS, Java, C/C++, Lua

Libraries & Frameworks

React, Next.js, TailwindCSS, React Native, JWT, Selenium, Cypress

Tools & Platforms

Git, Github, BitBucket, Vercel, Heroku, Firebase, Supabase, AWS, Netlify, Figma

Projects

Javascript Raycasting Engine

Created a ray casting engine with texture mapping in the browser using canvas.

Sorting Algorithm Visualizer

This project was built in React where I implemented six popular sorting algorithms to visualize on a random array.

Personal Website

My website was built with Next.js and styled using the TailwindCSS framework