

Aaron Young

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GitHub: github.com/brainomite

Portfolio: aaronyoung.dev/portfolio

TECHNICAL SKILLS

- **Proficient:** JavaScript, React, Redux, Node.js, Express, SQL, PostgreSQL, SQLite, MySQL, MS SQL, Mocha, Chai, Sinon, Heroku, Git
- **Exposure:** Ruby on Rails, Python, AWS, MongoDB, Firebase, Travis CI, Circle CI, Jasmine, Jest

PROFESSIONAL EXPERIENCE

auticon US | Software Engineer | Remote

Apr 2021 - Present

- Analyzed previously created queries to improve performance for loading medical claims data using MS SQL and T-SQL, resulting in an average improved T-SQL query performance of 66%.
- Led the creation of and taught an internal SQL course to train coworkers utilizing MySQL, T-SQL, and Excel, supporting 200% team growth in a 3 month period.
- Developed internal tool to analyze 9,500+ SQL queries to determine construction of fields using JavaScript, Electron, and T-SQL, increasing efficiency for over 20 internal employees.
- Created Excel macro automations for initial hospital onboarding report creation in VBA, T-SQL, and Excel, resulting in an increase in efficiency of 95%.
- Collaborated with DOS Claims team to revamp their internal documentation using MS Suite (Word, Teams, OneNote, Excel), leading to ability for team members to easily locate correct information.

Thinkful | Fullstack Software Engineering Mentor | Remote

Oct 2020 - Present

- Mentored students 1:1 on JavaScript, React, Node.js, Express, SQL, HTML5, and CSS3, as well as object oriented programming principles, assisting 20+ individuals to re-skill in jobs as software engineers.

Pinpoint Technologies TOO | Software Engineer (contract) | New York, NY

Oct 2017 - Apr 2021

- Developed tool to determine potential portfolio purchases using JavaScript, Node.js, Express, PostgreSQL, and Nunjucks, allowing partners to more efficiently determine portfolio values worth up to \$35 million prior to purchase.
- Constructed system to monitor portfolio performance metrics utilizing JavaScript, Node.js, Express, Nunjucks, and PostgreSQL, enabling portfolio managers to make a decision within 1 day to determine portfolio sell decisions.

Stephen Einstein & Associates, LLC | Software Engineer | New York, NY

May 2002 - Oct 2017

- Oversaw all backend architecture and programming for financial and legal information database, including asset and document management and cloud storage and backup using AWS, Linux, VMWare, and MS Windows Servers, supporting 100X growth over 15 year period.
- Spearheaded database migration and network infrastructure integration following acquisition of rival law firm, including physical server relocation and related IT infrastructure.
- Launched proprietary automated dialer system, integrating with internal PBX phone system to accommodate 24 simultaneous calls, improving productivity 50%+ and saving over 80% in subscription fees.
- Led development of automated document management system using VB6 and MySQL, allowing attorneys to quickly upload, tag, and retrieve legal documents, increasing law-firm productivity by 400%.
- Implemented using Visual Basics 6 and MySQL-based proprietary document storage solution, reducing weekly backup times from 76 hours to 10 hours on average.

EDUCATION

Computer Science, *Queens College*

PROJECT WORK

MANYC Hotline | Software Engineer | Deploy bit.ly/3DNfWMW | **Code** bit.ly/3IxyIM1

Apr 2020 - Oct 2020

Phone system utilized by Mutual Aid NYC to reach volunteer operators in 12 languages across multiple shift developed using JavaScript, Node.js, Express, Twilio API, and achieving 100% TDD coverage with Mocha and Chai.

auto-config-eslint-for-prettier | Software Engineer | Deploy bit.ly/3yegBz6 | **Code** bit.ly/3dCIC0H

Feb 2021

npm CLI tool to correctly configure ESLint to work with Prettier built utilizing JavaScript, Mocha, Chai, and Sinon.

CERTIFICATION HIGHLIGHTS

MCSE (Cloud Platform and Infrastructure, Server Infrastructure) & Microsoft Certified Professional