Aaron Young

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LinkedIn: linkedin.com/in/aaron-young2018   **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, Git, GitHub Actions, Ruby on Rails
- **Exposure:** Python, AWS, MongoDB, Firebase, Travis CI, Circle CI, Jasmine, Jest

PROJECT WORK

App Academy AI bootcamp | QA Student   Sep 2024 - Present

- Took a beta and unreleased, AI course on several subjects. Including using generative AI in the SDLC and GitHub Copilot. Integrating generative AI into products. Inner workings of generative AI, including RAG.

MANYC Hotline | Software Engineer | Deploy bit.ly/3DNfWMW **| Code** bit.ly/3IxyIM1   Apr 2020 - Oct 2020

- Mutual Aid NYC's phone system, which reaches volunteer operators in 12 languages across multiple shifts, was developed using JavaScript, Node.js, Express, and Twilio API. It achieved 100% test coverage with Mocha and Chai.

PROFESSIONAL EXPERIENCE

Thoughtworks - US Dept. of Veteran Affairs| Senior Software Engineer | Remote   Feb 2022 - Apr 2024

- Served as a technical lead/anchor to deliver an AI-powered chatbot product on a federal site that supports 1.5 million unique monthly US veteran users while maintaining a minimum of 80% test coverage. Onboarded and mentored new team members of various experience levels. (React, Node.js, Ruby on Rails, Microsoft Azure SaaS, microservices)
- Established chatbot platform offerings across several lines of business. Designed and onboarded other teams to a shared ecosystem of managing infrastructure and CI/CD release strategy using GitHub Actions. Created pro-code and low-code processes for cross-team feature development during the AI boom.
- Led agile ceremonies, including iteration planning, lunch and learns, and tech debt prioritization
- Served as the team's security champion.

Thinkful | Fullstack Software Engineering Mentor | Remote   Oct 2020 - Jan 2023

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

auticon US | Software Engineer | Remote   Apr 2021 - Jan 2022

- 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 3 months.
- Developed an internal tool to analyze 9,500+ SQL queries to determine the construction of fields using JavaScript, Electron, and T-SQL, increasing efficiency for over 20 internal employees.

Pinpoint Technologies TOO | Software Engineer (contract) | New York, NY   Oct 2017 - Apr 2021

- Developed a tool to determine potential portfolio purchases using JavaScript, Node.js, Express, PostgreSQL, and Nunjucks, allowing partners to more efficiently assess portfolio values worth up to $35 million before purchase.
- Constructed a system to monitor portfolio performance metrics utilizing JavaScript, Node.js, Express, Nunjucks, and PostgreSQL, enabling portfolio managers to decide within one 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 15-year period.
- Launched proprietary automated dialer system, integrating with internal PBX phone system to accommodate 24 simultaneous calls, improving productivity by 50%+ and saving over 80% in subscription fees.
- Implemented using Visual Basics 6 and MySQL-based proprietary document storage solution, reducing weekly backup times from 76 to 10 hours on average.

CERTIFICATION HIGHLIGHTS

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