Aaron Young

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SKILLS   JavaScript, Ruby on Rails, Node.js, Express.js, jQuery, React.js, Redux, SQL, PostgreSQL, MongoDB, Git, HTML5, CSS3, Visual Basic 6

EXPERIENCE

Student Mentor - Contract
Thinkful Online Learning
Oct 2020 - Present
- Mentor students one on one via video sessions covering topics including HTML/CSS, Javascript, jQuery, NodeJS, PostgreSQL, Express, React

Software Engineer - Part-time
Pinpoint Technologies Too, LLC
Jan 2011 - Present
- Designed and operated tools to analyze potential portfolio purchases and to monitor performances of existing portfolios - Node.js, Express.js, Nunjucks, Postgres

Software Engineer
Stephen Einstein and Associates, PC
Sep 2015 - Oct 2017
- Monitored and managed all technical assets physically on-site and in AWS
- Engineered a replacement for the firm's line of business's flawed statute of limitations validator reducing the firm's chance of being sued by bringing it in line with New York specific laws.
- Increased efficiency two-fold and reduced business expenses and staff by creating tools to export the data from Mel S Harris' proprietary database system to allow for a migration.

Software Engineer
Mel S Harris and Associates, LLC
May 2002 - Sep 2015
- Pioneered an automation solution to enable attorneys to load up the correct documentation automatically, increasing their efficiency by 4 fold. - Visual Basic 6, MySQL
- Devised a proprietary automated dialer that can accommodate up to 24 simultaneous calls and integrated with our PBX (internal phone system), improving productivity by at least 50%. - Visual Basic 6, MySQL, telephony tech
- Reduced our backup times from 76 hours on average to 10 recreating our document storage solution by implementing a proprietary document storage database - Visual Basics 6, MySql

Volunteer Efforts

Software Engineer
Mutual Aid NYC
March 2020 - Present
- Designed and implemented a custom phone solution to connect volunteers to callers without the need for special hardware or apps. Node.js, Express.js, Twilio, Airtable

PROJECTS - find my complete portfolio at aaronyoung.dev/portfolio/

Begone Email (in progress) | *(Node.js, Express.js, MongoDB, Mongoose, React)*
MVP Status | **GitHub**
Clone of Mailinator, with plans to add more features.
- Engineered the entire project using TDD
- Constructed document storage using MongoDB
- Leveraged Express to create a RESTful API on the backend
- Implemented a custom SMTP server to receive emails

Mutual Aid Call Center | *(Node.js, Express.js, Airtable, Twilio)*
live | **GitHub**
Custom-developed phone system to meet the needs of a Mutual Aid volunteer organization using Airtable as an administrative front-end.
- Engineered the entire project using TDD.
- Integrated Airtable as both a front-end for the phone system as well as a back-end

WeMeet | *(React/Redux, Rails 5, SCSS)*
live | **GitHub**
Single Page application inspired by meetup.com
- Leveraged Rails partial views and React components to DRY up the codebase.
- Overhauled our storage to store all user-submitted images within AWS S3.
- Implemented a RESTful API to perform the site's CRUD functionality utilizing JSON as the data format.