Jason McVicar

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SOFTWARE ENGINEER

Results-oriented professional leveraging prior experience as a Cartoonist and Sales Trainer to thrive as a Software Engineer. Excited to participate in the planning, analysis, and implementation of solutions in support of innovative and inspired business objectives. Proven leader adept at supporting and working with diverse teams to achieve company goals and exceed expectations in web development.

TECHNICAL SKILLS

- JavaScript
- Python
- PostgreSQL
- TypeScript
- React

- Node.js
- Flask
- SQLAlchemy
- JQuery
- CSS

- HTML5
- Ajax
- Express.js
- Insomnia
- SQL

- Amazon AWS
- Jest and Unittest
- Git
- Jinja
- GitHub

- VSCode
- Chrome Dev Tools
- Heroku
- Insomnia
- BootStrap

SOFTWARE ENGINEER EXPERIENCE

Software Engineer Intern | Rithm / NumbersApi.com, San Francisco, CA   **July 2022 – August 2022**

- Deployed code leveraging Agile development on a small team of engineers, executing through paired programming.

- Utilized Git Pull Requests to divide workflow, participated in daily standup, and code analysis presentations.

- Refactored legacy JavaScript codebase to Python and Flask backend allowing for expedient app transition.

- Evaluated API traffic through Google Analytics and created a front-end interface to the back-end database via an interactive JavaScript React data widget.

- While creating new database models, migrated data from text files to PostgreSQL Database.

- Created ability to auto-send emails to new users utilizing Flask Mail.

- Implemented test-driven development (TDD) to create long-term, maintainable, and dependable code.

- Maintained 95% testing of OOP, object oriented programming, application code.

TECHNICAL PROJECTS

Warbler — [LIVE DEMO](#) | [GitHub](#)

Twitter-like social media app. Authentication and authorization. Back-end: Flask, PostgreSQL, SQLAlchemy and Python.

Jobly — [GitHub-frontend](#) | [GitHub-backend](#)

Completed JavaScript React front-end / back-end for the job-searching app. Initiative allows companies to post jobs and users can search jobs. Restful API app. Back-end built in Express.

Friender — [GitHub](#)

Tinder clone for finding friends. Built from scratch. Completed back-end in Flask, Python, SQL Alchemy, and PostgreSQL. Developed with AWS3 to allow users to upload content to app.

ADDITIONAL EXPERIENCE

Reserve Bar Barista | Starbucks; Chicago, Illinois   **2007 - Present**

Charged with overseeing the full customer experience, developing new drinks, performing coffee-tastings, and driving the inclusive third place experience to all patrons within the flagship Gold Coast location.

Cartoonist | City Pulse; Lansing, Michigan & Freelance; Chicago, Illinois   **2007 - Present**

Created weekly comic strip for independent alternative weekly newspaper. Freelanced and implemented illustration for advertising campaigns.

EDUCATION

Software Engineering Bootcamp, Rithm School, San Francisco, CA

Bachelor of Science, Telecommunications, Michigan State University, East Lansing, MI