

Michael Frederickson

Saratoga Springs, UT | +1 (702)-375-5865 | mpfplus@gmail.com | [LinkedIn](#) | [GitHub](#) | [Website](#)

SUMMARY

Software engineer recently graduated from Rithm School's Fullstack Coding Bootcamp and internship. Experience and proficiency with frontend, backend, APIs, and a large suite of languages and libraries listed below (and more!). Also bringing experience from my time as a manager and mentor. Confident, passionate, and ready to work with, and learn from, a great team.

TECHNICAL SKILLS

Languages - Javascript, Python, SQL, PostgreSQL, HTML, CSS, Typescript

Libraries - React, React Hooks, React Testing Library, jQuery

Frameworks / Tools - Node, Express, Jest, Django, Flask, SQLAlchemy, unittest, VSCode, Git, Github, WTForms, SSH, JSON Schema, Axios

Soft Skills - Communication, Teamwork, Leadership, Customer Service, Problem-Solving, Adaptability

SOFTWARE ENGINEER EXPERIENCE

Software Engineer Intern

Rithm School

Sep 2023 – Oct 2023

Los Angeles, CA (Remote)

- Contributed to Rithm's Student Information Systems code base and application
- Built a feature that interacts with Slack's API to send notifications to a Cohort's slack channel when an exercise/lecture is published using Python Signal functions
- Engineered feature to intelligently flag user profile information as "Public" or "Private" using dynamic html and conditional logic within view function
- Solved issue with database-to-frontend time conversion that was causing admin panel to display incorrect datetimes
- Built feature that intelligently replaces default login-page logo with a Cohort-specific welcome image/welcome message (provided there is one in the database record).
- Worked with Django/Python backend and Slack API

TECHNICAL PROJECTS

Company Detailing Web Application ("Jobly")

[Github](#)

- React frontend and an Express backend
- Backend database infrastructure complete with class methods for interacting with database
- Used Node middleware to handle authentication and authorization for admins, users, and non-users
- Implemented Express backend RESTful API for fetching companies, jobs, single company details
- React components to handle frontend display
- Search functionality to search various companies or jobs

Dynamic Photo Sharing Application ("Pixly")

[Github](#)

- Built a web application for dynamically sharing and uploading images using React and Python
- Frontend accepts image files, uploads to AWS cloud, sends link and select metadata to database using FormData object
- React Router handles website navigation
- Homepage is dynamically populated with all uploaded images using cloud links from database
- Search functionality that uses controlled forms and useState hook

TECHNICAL PROJECTS CONTINUED

Social Media Web Application (“Warbler”)

[Github](#)

- Implemented functionality to follow other users and see their posts
- Designed and implemented a relational database to handle users, followed-users, and likes
- Included authentication/authorization functionality in view functions
- Built “Like” functionality using conditional logic in Jinja HTML and “many-to-many” data from DB
- Stores liked posts on user profile
- Engineered an edit-profile feature, utilizes form action to update user info.

ADDITIONAL WORK EXPERIENCE

Office Manager

May 2015 – Oct 2018

Carmax

Las Vegas, NV

- Managed Business Office team of 20+ employees
- Helped streamline car-purchasing workflow, reducing average purchase-time from 25 to 20 minutes.
- Worked heavily in customer satisfaction, technical assistance and deescalation
- Worked with software to handle asset followup, scheduling, and various customer transactions
- Oversaw the running of multiple departments including the Service department
- Awarded Store Champion title twice

Document Specialist

Dec 2019 – Dec 2022

Purple

Alpine, UT

- Designed and wrote various documents including process guidelines and productivity tracking spreadsheets
- Updated various workflow processes to improve safety and efficiency.
- Partnered with upper management to streamline end-of-day operations
- Provided feedback to engineering team to improve productivity software

EDUCATION

Rithm School

Jun 2023 – Oct 2023

San Francisco, CA (Remote)

Full Stack Web Development Bootcamp

Key Takeaways

- React, Python, Flask, PostgreSQL, JavaScript, Django, Node, Express
- AJAX / Axios
- Database Design
- Real-world git/github workflow
- Teamwork / collaboration
- Utilizing and designing APIs / REST
- Testing, TDD