

Thomas W Geiger

tommy.geiger@icloud.com — 508-808-8340 — github.com/tommygeiger

EXPERIENCE

M&T Bank, Full-stack Software Engineer (*Angular, C#, Java*) Jul 2021 — Aug 2023

- Implemented modern Angular interfaces for M&T's customer facing web banking application and in-house component library, deploying to Openshift containers on Azure cloud.
- Redesigned and refactored legacy customer facing C# .NET framework application to consume modern microservice APIs, improving security and mitigating tech debt.
- Developed, tested and deployed Java/Spring microservices delivering user account data to multiple downstream applications; saved \$1MM annually by relieving dependency on third-party API vendors.
- Collaborated with up to 15 Agile teammates across two different teams at the bank, participated in Scrum, GitLab CI/CD, and all aspects of the software development lifecycle.
- Led as chairman of 40 person new-grad Community chair, organizing and executing regular volunteering events and two \$15k budget hackathons.

University of Rochester, Teaching Assistant (*SQL, PHP, Linux*) Feb 2021 — May 2021

- Taught weekly 20+ person workshops on relational database concepts and website design, with hands-on MySQL and PHP development on remote web servers.

DigitalOcean, Data Science Intern (*Python, SQL*) Jun 2019 — Aug 2019

- Built tools to identify negatively received tutorials on DO's community website, using Python, Pandas and Gensim machine learning to analyze comments' positive or negative sentiment.
- Developed a Slackbot interface to deliver critical articles to website editors daily.

SIDE PROJECTS

PromoParlor (*Ruby, AWS, DigitalOcean, Stripe*) Dec 2021 — Present

- Built, scaled and maintained an industry-specific Discourse forum serving 60+ paying subscribers and 300+ free users, running on DigitalOcean and AWS S3 buckets.
- Integrated Stripe to securely handle payments; produced a marketing video and designed logos.
- Developed a Ruby plugin using Sidekiq job scheduling to automate daily summary emails.

Trending Google Searches (*Javascript*) Apr 2022

- Designed, built and published a Chrome extension and website displaying trending Google searches with data fetched from Google Trends' RSS feed, serving 40+ users.

Tuner Spotify App (*React, Material UI, OAuth*) Apr 2021

- Designed, developed and deployed a single-page app offering finer control over Spotify's Recommendation API, addressing users' discontent over "black box" recommendations available in-app; used React and Material UI, and implemented OAuth 2.0 with PKCE for login.

COVID-19 Screening System (*Javascript, Google suite*) Aug 2020

- Built and supported an automated health survey system for a local non-profit; used JS to initialize a Google Form, send to clients via Gmail, and store responses in Google Sheets.
- Spun up a no-code Android check-in app, letting employees view real-time data on mobile.

EDUCATION

University of Rochester Sep 2017 — May 2021

- B.S. in Computer Science, Minor in Audio & Music Engineering
- Computer Science Undergraduate Council, Tutor

SKILLS

- React, Angular, Javascript, Java, C#, Unix, C, Python, SQL, AWS, DigitalOcean, Unity, OAuth