

ROSS MCLAIN

mclain.development@gmail.com

DETAILS

ADDRESS

Portland, ME

PHONE

207-420-6255

LINKS

mclaindevelopment.com

<https://github.com/ross-mclain-21>

SKILLS

C#

React

JavaScript

jQuery

HTML

CSS

ASP.NET

RabbitMQ

GraphQL

Python

SQL/ Entity Framework

Git

HOBBIES

Developing strategy/simulation games, Working on websites and other applications for friends and family, DND, Gaming, Disc golfing, Trying new restaurants in the area

EMPLOYMENT HISTORY

Senior DevOps Engineer, Tyler Technologies Yarmouth, ME
Mar 2021

- **Integrated** Terraform, GitHub, and AWS deployment into our service catalog to allow the end user a simple interface to request deployment of entire environments in AWS.
- **Developed** a fully dynamic UI that builds directly off of a JSON file which empowers our Terraform developers to adjust what questions the end user is asked without waiting for multiple development cycles. It also provides the end user with a simplified and streamlined form to quickly deploy their environment.
- **Interfaced** with other teams to integrate their needs and feedback into our on-going development.
- **Lead** and supervised many application development initiatives.

DevOps Engineer, Tyler Technologies Yarmouth, ME
May 2018 — Mar 2021

- **Developed** a severity tracking tool with a microservice architecture that uses SignalR to enable a full chat room that empowers users to gather information around specific outages and solve them as quickly as possible.
- **Designed** and implemented a code first SQL database schema used in our updated severity tracking web application.
- **Created** an automated and reusable toolkit to generate all required files for a GraphQL API in C#.
- **Developed** a configuration management system that enables our engineers to configure virtual machines based on different divisions and products allowing for quick deployment without requiring the end user to have deep technical knowledge.
- **Deployed** and monitored applications in Kubernetes, and Docker.

Software Development Intern, Tyler Technologies Yarmouth, ME
May 2017 — May 2018

- **Developed** an alerting application that allowed for tagging and grouping of users, while also allowing for email templates to be edited sent out.
- **Created** a maintenance window tool that allowed users to track periods of time where maintenance would occur and quickly notify clients that would be affected.

EDUCATION

Bachelor of Science Degree in Computer Science, University of Southern Maine Gorham, ME
May 2018