Ross McLain

mclain.development@gmail.com

Senior DevOps Engineer with 5+ years of hands-on experience designing, developing, and implementing web applications and solutions using a range of technologies including HTML, CSS, JS/jQuery, ReactJS, C#/ASP.NET, SQL, and more.

💼 EMPLOYMENT HISTORY

Senior DevOps Engineer, Tyler Technologies — *Yarmouth, ME*
MAR 2021 - PRESENT

- **Integrated** Terraform and GitHub into our service catalog to provide our clients with a simple interface to request deployment of entire environments in AWS.
- **Developed** a fully dynamic UI using C#/ASP.Net and JavaScript which builds directly off of JSON and empowers our Terraform developers to request exactly what is needed of the end user.
- **Interfaced** with other teams to integrate their needs and feedback into our on-going development.
- **Lead** and supervised many application development initiatives while working closely with our team of developers.
- **Generated** unit tests in C# to improve the reliability of our CI/CD pipeline and catch issues before they became problems.

DevOps Engineer, Tyler Technologies — *Yarmouth, ME*
MAY 2018 - MAR 2021

- **Developed** a severity tracking tool with a microservice architecture that uses SignalR to blend C# and JS and 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 using C#/ASP.NET and JS which enables our engineers to configure virtual machines based on different products and allows the end user to deploy quickly without having a deep technical knowledge.
- **Deployed** and monitored multiple ASP.NET Core applications in Kubernetes, and Docker.

Software Development Intern, Tyler Technologies — *Yarmouth, ME*
MAY 2017 - MAY 2018

- **Developed** an alerting web application that allowed for tagging and grouping of users, while also allowing for email templates to be edited and 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.

📇 DETAILS

📍 Portland, ME

📞 (207) 420-6255

🔗 LINKS

mclaindevelopment.com

github.com/ross-mclain-21

linkedin.com/in/rossmclain21

🛠 SKILLS

C#/ASP.NET

React JS

JavaScript

TypeScript

jQuery

HTML

SASS/CSS

RabbitMQ

GraphQL

Python

SQL/Entity Framework

Kubernetes/Docker

Git

🏫 EDUCATION

University of Southern Maine
GORHAM, ME

Bachelor of Science Degree in Computer Science
MAY 2018

🔲 HOBBIES

Developing strategy and simulation video games in **Unity** with **C#**, Working on **ReactJS/ASP.NET** websites for myself/friends and family, DND, Gaming, Disc golfing, And trying new restaurants in the area