

GARRETT MCLAUGHLIN

508-930-1905 • garrettmclaughlin1980@gmail.com • garrettmclaughlin.me • New York, NY

EXPERIENCE

Engie Impact, *Software Engineer*, Boston, MA

2021-Present

- Led a 3-engineer, cross-platform initiative that migrated millions of calculation records from a Microsoft carbon-accounting engine into a new cloud-native platform, enabling real-time data access for enterprise users and clients
- Architected a serverless ETL pipeline (AWS Lambda, S3, API Gateway, Express.js) that ingests, validates, and exposes millions of lines of emissions data.
- Authored Terraform IaC modules to provision and monitor the entire stack (VPC, IAM, CloudWatch, RDS).
- Collaborated on the development of an in house carbon emissions calculation engine (AWS Glue/Lambda/RDS) that reduced calculation times by 40%.

The Savings Bank Mutual Life Insurance Company, *Junior Software Developer*, Woburn, MA

2020-2021

- Migrated legacy ASP.NET applications to ASP.NET MVC and Blazor, enhancing user experience and decreasing load times by ~25%.
- Updated API's given client requests for specialized information
- Went through further training in agile software development methodologies

Fidelity Investments, *Software Engineering Intern*, Smithfield, RI

Summer 2018

- Worked in a software development team maintaining security and access standards company wide
- Developed interactive Angular web applications that streamlined internal security audits
- Learned about and utilized agile software development methodologies

J. Derenzo, *IT Assistant*, Brockton, MA

Summer 2015-2017

- Used skills in Python to improve automation for various company IT services
- Developed skills in systems administration and install
- Solved daily IT problems typical for a medium sized company

SKILLS

- Angular 2+, Typescript, HTML/CSS, ASP.NET MVC, Blazor, C#/C, SQL (Postgres, Microsoft SQL Server), Python, Arduino/Raspberry Pi, IT services, comfortable in Linux environments
- AWS (Glue, Lambda, S3, EC2, RDS, API Gateway), Terraform, Azure DevOps

EDUCATION

The George Washington University, Washington, D.C.

2020

Computer Science (B.S.), Concentration: Business

Certifications

- AWS Solutions Architect Professional

2023

Projects/Other Work (see at garrettmclaughlin.me or github.com/MrGarrett45)