

Ryan Murphy

Portfolios: [Github.com/RNM21](https://github.com/RNM21) | [linkedin.com/in/ryan-murphy-063398164](https://www.linkedin.com/in/ryan-murphy-063398164) | ryanscoolwebsite.com

WORK EXPERIENCE

Cloud Infrastructure Engineer - Intermediate

June 2021 – Present

Pittsburgh, PA

UPMC Enterprises

- Document Cloud architectures, policies and procedures. Perform research and analysis required for project proposals, system modifications, and new products.
- Create **Python** scripts to deploy software onto new and existing Cloud server infrastructure. Using **CI/CD** automation when necessary
- Continuously build and monitor **SIEM** dashboards via **OpenSearch**
- Write standardized infrastructure as code using **AWS Cloudformations, Terraform, Chef, Ansible**, etc.
- Deploy and manage **Kubernetes** environments using **EKS** and **Kubectrl**.
- Review Cloud tool sets regularly for efficiency, security and cost optimization.
- Provide Best Effort support to internal and external vendors through **Jira**.
- Manage **Azure AD** integrated identity management system organization wide.
- Create 'Lift and Shift' solutions to transfer existing on-premises applications to the Cloud
- Participate in 24/7 On-Call rotation for security alerts via **PagerDuty**

Technical Support Engineering Intern

May 2020 – Dec 2020

Pittsburgh, PA

TeleTracking Technologies Inc. Intern

- Provide Software/Hardware support over the phone for client hospitals that use TeleTracking applications. Familiarized myself with our Software, **SQL**, and Healthcare workflows to best help clients.
- Provided support to every hospital in the US for the HHS COVID-19 Submission Portal. Our team would take around 200-300 calls a day during the switch from CDC to HHS daily submissions.

Student Technical Consultant

August 2019 – May 2021

Pittsburgh, PA

University of Pittsburgh: Computing Services & Systems Development

- Provide Software/Hardware support and troubleshooting for all university students, staff, and faculty using **Salesforce**
- Routinely monitor and document campus internet speeds for network analysis.

EDUCATION

University of Pittsburgh

Dietrich School of Arts and Sciences | Bachelor of Science in **Computer Science**

Class of 2021

Dietrich School of Arts and Sciences | **Mathematics** Minor

GPA: 3.20

TECHNICAL SKILLS

Software / Languages:

Java | **AWS** | **Cloudformation** | **Terraform** | **Azure** | **Jira** | **PagerDuty** | **C++** | **C** | **C#** | **Python** | **SQL** | **HTML** | **Salesforce**
Office | **Unity** | **Swift** | **YAML** | **JSON** | **Kubernetes**

Certifications:

AWS Certified Cloud Practitioner: Received Feb 2021, Expires March 2025

AWS Certified Solutions Architect – Associate: Received March 2022, Expires March 2025

AWS Certified Security - Specialty: Received September 2022, Expires September 2025

ADDITIONAL INFO

Interests / hobbies: Event Planning, Traveling, Golfing, Soccer, Playing Guitar, Philadelphia sports, Skateboarding.

Foreign Language: 3 years of Education in German (Adept speaking, reading and writing).