August 20, 2024

Research Technology Office – Enterprise Architecture

Scottsdale, AZ

Dear Hiring Committee,

I am writing to express my interest in working as a Cloud Systems Administration Aide. I am currently enrolled in the MS in Software Engineering program at Fulton Schools of Engineering.

I believe that I would be a good fit for the role because I have used technologies that are being used in the cloud infrastructure and resource management in my previous work experience and I am willing to take the time aside from my academics to learn and master the tools passionately that I am not proficient at. I want to expand my knowledge in the DevOps domain and this role will help me achieve this goal.

I completed an internship after my undergraduate program in which I utilized CI/CD using GitHub Actions and Docker to integrate new features in my machine learning web application through which I learned to setup deployment pipelines and update docker images when dependencies are changed. As this project used a single

I have used Git and GitHub as well as AzureDevOps for version control and repository storage. In my most recent full-time role, I developed multiple automations to manipulate AzureDevOps platform through APIs where I generated reports for project management teams, and automated pull requests for migration projects.

Monitoring was an essential responsibility in my most recent full-time role. I developed an alert system using PowerShell and Splunk to generate alerts for VM outages.