Soar into the Cloud!

Project Title	Soar into the Cloud!
Project Summary	Help GSA IT develop and exercise tools and technologies that assist with DevOps in the AWS cloud. Examples: developing a serverless CI/CD pipeline by completing proof-of-concept projects, developing projects using AWS Lambda Functions, AWS Step Functions, Docker and AWS Fargate, and API Gateway.
Country	United States

Project Description

The General Services Administration (GSA) is looking for talented self-starters and independent thinkers who are interested in gaining experience with cloud technologies and learning about software delivery pipelines implemented using AWS tools. Interns will develop skills in serverless concepts and have exposure to Amazon Web Services Serverless technology components while actively contributing to a major project and learning from expert software engineers.

Focus will be on implementation and deployment automation of AWS Lambda Functions and Step Functions, Docker instances deployed via Elastic Container Services with AWS Fargate, and Aurora Serverless database management. Interns will get an opportunity to work on projects that will help GSA create their next-generation implementation of critical systems.

We are looking for candidates with experience or exposure to programming using an Object-Oriented programming language, ideally Java or Python; C or C++ is also acceptable. Candidates should also be familiar with JavaScript and XML and/or JSON. Exposure to scripting languages and scripting concepts is also ideal. We will be using frameworks such as Chef, Puppet, and Ansible; exposure to any of these technologies is helpful, but not required.

Your efforts will make a difference! You will be contributing to the development of real systems to be used by GSA!

Required Skills or Interests

Skill(s)
Coding
Design thinking

Software development

Additional Information

GSA has been recognized by the Partnership for Public Service and Deloitte as one of 2019 Best Places to Work in the Federal Government.

Language Requirements

None