API Systems Analyst
Baltimore, MD, Full-time, On -site (Remote Temporarily), US Citizen or Green Card ONLY.

Description of Work:

The API Systems Analyst (SA) will support the Enterprise API initiative. The SA will work closely with SSA's business partner and SMEs in the definition of requirements, testing/validation, and technical writing. The SA will collect information to analyze and evaluate existing or proposed systems, perform research, plan, propose solutions, advocate software and systems, coordinate the problem-solving process, and ensure that the business standards and business/functional requirements are met and documented. The SA will support testing/validation activities including documenting test plans and test scenarios, identifying, and creating test data, executing test scripts, identifying and documenting defects, and working with the development team to resolve issues. Additional responsibilities include:

- Provide analytical and technical support to enable design, development, validation, integration, and implementation of software applications
- Work in an agile environment to collaborate with self-organizing, cross-functional teams for software development.
- Provide technical recommendations/solutions to complex problems
- Provide support to analyze the modern architecture and development environment
- Elicit and analyze user, functional, non-functional, Section 508, and other detailed requirements/acceptance criteria for applications and interfaces
- Develop API technical specifications to support development of APIs
- Participate in API Testing using API Management Platform tools
- Provide support for creating technical documentation including technical specifications and user guides
- Design/develop system diagrams and presentation materials using industry standards and formats for various technical and management forums
- Collaborate with developers to translate business requirements into technical stories
- Provide support in development of documentation and presentations of demos for each sprint or software work-package to stakeholders

Basic Qualifications: Minimum knowledge, skills, abilities needed.

- Bachelor's Degree and 7 years of relevant work experience; Master's Degree and 5 years of relevant experience; or a minimum of 11 years of relevant work experience in lieu of a degree
- Minimum of 5 years of experience working in various SDLC frameworks (e.g. Agile, Waterfall) as a Systems Analyst to elicit and document requirements and technical specifications including User Stories, Technical Stories, Detailed Functional Requirements, Detailed Design Specifications, etc.
- Minimum of 3 years of experience developing API technical specifications
- Minimum of 3 years of experience testing APIs using tools such as SoapUI/ReadyAPI, Postman and Swagger
- Minimum of 3 years of experience understanding of XML, JSON, WSDL, XSD and regular expressions
- Minimum of 3 years of experience understanding of API security like JWT, Oauth etc
- Minimum of 3 years of experience translating technical knowledge from SMEs and develop technical documentation/specification
- Minimum of 3 years of experience working in Agile/Scrum methodology projects, including hands on experience with VersionOne
- Minimum of 3 years of experience working with relational databases such as DB2, PostegreSQL, including hands on experience with developing SQL queries
- Strong oral and written communication skills, with the ability to communicate technical topics to management and non-technical audiences, as well as interface with the customer on a daily basis
- Minimum of 1 year of experience as a self-starter who can work with a large and diverse team of business, management and IT individuals. Must have multitasking ability with excellent organization, analytical, planning and scheduling skills
- Must be able to obtain and maintain a US Public Trust clearance

Preferred Qualifications: Candidates with these skills will be given preferential consideration.

- Experience supporting User Interface and database manual validation activities including documenting test plans and test scenarios, identifying/creating test data, executing test cases/test scenarios, and identifying/documenting defects
- Knowledge of Web Services and testing tools such as SoapUI/ReadyAPI, Swagger, and POSTMAN
- Knowledge of Object Oriented Programming concepts and languages such as Java
- Knowledge of Modern Development Tools and CI/CD pipeline including AWS, Bit Bucket, Jenkins, Jira, Confluence, Maven, etc.
- Ability to quickly understand government specific architectures, existing and proposed, and provide solutions for technical problems
- Self-starter, highly motivated individual, and a team player with the ability to adapt to a dynamic work environment
- Prior Federal government experience.