

Software Engineer Sherlock - TS/SCI w FS Poly

Location: Chantilly, Virginia, United States

Industry: Government & Policy

Job Category: Information Technology - Developer

Open Systems Technologies Corporation is a leader in the government contracting marketplace, providing Enterprise Security and Cloud Computing solutions to support large organizations. Our capabilities include supplying federal government entities and private businesses with software development, scientific and engineering technical assistance, systems integration and enterprise security. Since its founding in 1996, OST has been committed to delivering high-quality, best-in class results that bring added value to our clients, while investing in our employees' futures by providing exciting projects to work on, and robust benefits to include technical training and certifications, relocation assistance and a 401K match with immediate vesting.

We are looking for a Software Engineer to work on a long-term contract supporting the intelligence community.

The Software Engineer will design, develop, code, test, and debug complex software products to be deployed in a mission critical environment. The ideal candidate is a hands-on developer with significant experience in scalable data platforms, cloud-based services, and big data analytics. They must have strong, firsthand technical expertise in a variety of data ingestion/computation technologies and the proven ability to fashion robust scalable solutions that can manage large data sets. They must be at ease working in an agile environment with a cross-functional team. This person should embody a passion for innovation and continuous improvement.

Responsibilities:

- Work with a team to write new cloud-based applications and tools and recommend new technologies and methodologies to improve system performance and usability.
- Design, develop, test, debug, and deploy new software tools that extend or replace existing capabilities to parse raw data for analysis.
- Collaborate cross-functionally with data scientists, analysts, project managers and other engineers and technical SMEs.
- Deploy new software into an AWS-based data ingest pipeline.
- Write software that interacts with multiple data types and stores data into S3 buckets that is queried by processes running on EMR clusters.
- Troubleshoot complex problems and provide support to mission areas for software systems and application issues.
- Maintain good documentation for new software written and new procedures to be followed.
- Provide recommendations for continuous improvement.
- Work alongside other engineers on the team to sustain and advance our organization's capabilities.

Required Qualifications:

Clearance: **TS/SCI w FS Poly**

Skills and Certifications [note: bold skills and certification are required]

- **Clearance: TS/SCI w FS Poly**
- **Python**
- **Git**
- **AWS Athena**

- **APIs and services using REST**
- **AWS Glue**
- **Bachelor's degree in Computer Science, Information Technology, or other related technical discipline, or equivalent combination of education, technical certifications, training, and work/military experience**
- Demonstrated hands-on experience with Python, Git, and unit testing frameworks.
- Demonstrated hands-on experience working with AWS Athena
- Demonstrated hands-on experience with building APIs and services using REST.
- Demonstrated hands-on experience with AWS Glue
- Demonstrated hands-on experience with PRESTO, Trino, or Apache Spark
- Demonstrated hands-on experience with AWS CDK 1 and/or 2.
- Demonstrated hands-on experience with cloud-based Lambda functions
- Demonstrated hands-on experience with reverse proxy solutions (e.g., NGINX).

Desired Qualifications:

- Demonstrated hands on experience working with DynamoDB, or HIVE.
- Demonstrated hands-on experience with Parquet and/or ORC file formats.
- Demonstrated hands-on experience working with Hadoop, Apache Spark and their related ecosystems.
- Demonstrated hands-on experience working with cloud formation for automation.
- Demonstrated hands-on experience building and deploying software within a CI/CD pipeline.
- Demonstrated hands-on experience with Linux-based systems and shell scripting.
- Demonstrated hands-on experience in programming and software development experience in programming web and client/server applications using Java, JavaScript, Python, and TypeScript.
- Demonstrated hands on experience working with PostgreSQL and Apache Nifi.
- Demonstrated hands-on experience working with Hadoop, Apache Spark and their related ecosystems.
- Demonstrated hands-on DevOps experience building and deploying infrastructure with technologies such as Ansible and Puppet
- Demonstrated hands-on experience with Linux-based systems and shell scripting
- Demonstrated hands-on experience with monitoring technologies like ELK, Prometheus, Grafana, etc.
- Demonstrated hands-on experience with build automation technologies like Maven, Jenkins, etc.

Benefits

OST has been operating since 1996 and has various contracts with Government agencies. We offer a comprehensive benefit package that includes 3 weeks paid time off, 2 weeks Holiday pay, medical/dental coverage, STD, LTD, Life Insurance, AD&D, 401k with up to 4% match, and end of year profit sharing paid out in 401k.

Security Clearance Required: Yes

Visa Candidate Considered: **No**

Compensation

- Base Salary - USD \$200,000 to \$280,000
- Full-time
- Benefits - Full
- Relocation Assistance Available - Yes
- Commission Compensation - No
- Bonus Eligible - No

- Overtime Eligible - No
- Interview Travel Reimbursed - No
- Candidate Details
- 7+ to 10 years' experience
- Seniority Level - Mid-Senior
- Management Experience Required - No
- Minimum Education - Bachelor's Degree
- Willingness to Travel - Never