*NOTE:*

*SWIFT operates on 7.5 billable hours per day.*

*Strong Unix experience is mandatory for every position at SWIFT.*

*BlueAlly can only work with one layer, so all candidates should be on your W2.*

*BlueAlly sets up technical screenings before submitting to the client as well as check degrees/visa docs/references.*

*Please also submit IDs. SWIFT prefers doing F2F interviews but will make exceptions for WebEx only if ID is provided.*

**SWIFT Open Reqs by priority:**

1. **8606 – Java Developers (4)**

**Scope of Work:**

01 . Design, develop, test, install and support programs/systems in line with agreed requirements.

02 . Assist with the analysis of requirements and the development of recommendations as to the systems approach to follow.

03 . Prepare specifications, codes, tests, deliverables, acceptance criteria, time frames, etc., and prepare and study the technical feasibility and estimates of the proposed systems solutions.

04 . Analyze the problems, develop and propose solutions to more senior team members.

05 . Provide technical assistance to other SWIFT colleagues and provide guidance to more junior team members in their daily work.

06 . Develop and maintain technical documentation and prepare and give presentations to customers on systems.

07 . Provide timing/scheduling estimates to project lead and propose corrective actions to timelines when necessary.

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| --- | --- |
| Skills/Requirements: | Level: (Junior/Specialist/Expert) |
|  | Jr = 1-5 yrs / Spec=5-10yrs / Exp= >10 + yrs |
| **We need Java developers with knowledge and experience in the following areas:** |  |
| Strong understanding of object oriented concepts | Specialist |
| Hands on coding experience and very good understanding of multithreading | Specialist |
| Good knowledge of data structures and algorithms | Specialist |
| Good understanding of JVM memory management and threading model | Specialist |
| Good knowledge of Java Collections | Specialist |
| Good knowledge if IO and networking in Java | Specialist |
| Good understanding of databases (both relational and No-SQL) | Specialist |
| Unix shell | Specialist |
| **Optional, but highly desired :** |  |
| RESTful APIs | Junior |
| XML parsing and processing | Junior |
| Tomcat | Junior |
| Apache Cassandra | Junior |
| Python (or other scripting languages) | Junior |

1. **8584 – Application Developer (Back End Java)**

**Scope of Work:**

Development and testing of new application components as well as maintenance/enhancements/bug fixes of existing applications.

01 . Design, develop, test, install and support programs/systems in line with agreed requirements.

02 . Assist with the analysis of requirements and the development of recommendations as to the systems approach to follow.

03 . Prepare specifications, codes, tests, deliverables, acceptance criteria, time frames, etc., and prepare and study the technical feasibility and estimates of the proposed systems solutions.

04 . Analyze the problems, develop and propose solutions to more senior team members.

05 . Provide technical assistance to other SWIFT colleagues and provide guidance to more junior team members in their daily work.

06 . Develop and maintain technical documentation and prepare and give presentations to customers on systems.

07 . Provide timing/scheduling estimates to project lead and propose corrective actions to timelines when necessary.

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| Skills/Requirements: | Level: (Junior/Specialist/Expert)  Jr = 1-5 yrs / Spec=5-10yrs / Exp= >10 + yrs |
| C, C++, OO programming techniques (Mandatory) | Junior |
| Development experience on RHEL/Linux (Mandatory) | Specialist |
| Scripting Perl/Shell Scripting/Python (Mandatory) | Specialist |
| JAVA and J2EE (Preferred) | Specialist |
| PKI Basic Knowledge (like Certification Authority, LDAP Directory) (Preferred) | Junior |
| Oracle or any other RDBMS administration/development (Preferred) | Junior |
| WebServer Technology (Weblogic, TomCat) (Preferred) | Specialist |
| Javascript (D3, visual.js, Angular JS, Node JS, J-Query) (Preferred) | Junior |
| Software development tools (Clearcase, eclipse, exceed, Quality centre etc.) | Junior |

1. **C++ Developer (Multiple Openings)**

Location: Manassas, VA

**Scope of Work:**

Development and testing of new application components as well as maintenance/enhancements/bug-fix.

Require hands on experience and very good knowledge of C++ .  Hands on experience of threading and synchronization models required.  Experience with one of more of following OS platforms - Windows, RHEL, Solaris, AIX, HP-UX is a must.  Experience with communication protocols such as  TCP/IP, SSL/TLS, HTTP.   Good knowledge of scripting languages ( ksh/ perl/ python)

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| Skills/Requirements: | Level: (Junior/Specialist/Expert)  Jr = 1-5 yrs / Spec=5-10yrs / Exp= >10 + yrs |
| OO programming techniques with experience in C++ | Specialist |
| UNIX system Experience with third party C++ library such as Boost alls and internals | Specialist |
| KSH/Perl/Python | Junior |
| Development experience on Unix environment | Specialist |
| Software development tools (Toad, Clearcase, eclipse, exceed, Quality centre etc.) | Specialist |
| UNIX system calls and internals and socket programming | Specialist |
| Experience with RHEL technology, CI/CD Pipeline and Automated testing frameworks | Specialist |
| Experience with PKI technology | Junior |

**Scope of Work:**

Development and testing of new application components as well as maintenance/enhancements/bug-fix.

Require 8+ years of hands-on experience designing/developing multithreaded applications using advanced C++.

Hands on experience with debugging, troubleshooting multithreaded applications on Unix/Linux/Windows platforms.

Require  5+ years of hands-on experience with python.

Experience with  building C/C++ DevOps pipeline using tools such as Canon, Jenkins artifact, ansible is an asset

Experience with communication protocols such as TCP/IP, SSL/TLS, HTTP.

In line with team objectives, policies and procedures, to advise, lead, control and follow through design, development of specifications, coding, testing and maintenance of high quality application software, tools and development projects.

01 . Design, develop, test, install and support programs/systems. Support projects proposals on the basis of cost/benefit justification interfacing with stakeholders across functional and geographical lines.

02 . Meet with customers to understand needs and requirements and make recommendations on best practice systems solutions for small to medium size/complexity/risk projects.

03 . Analyse detail systems factors: input/output requirements, information flow, hardware and software requirements, alternative approaches, etc.

04 . Provide technical guidance to customers and act as mentor to less senior team members. May give presentations to management and customers.

05 . May lead design review meetings for small to medium size/complexity/risk projects.

06 . May coordinate and monitor the activities, such as schedules and costs, of a small project team.

07 . Evaluate and recommend technical feasibility and estimates of the proposed systems solutions.

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| Skills/Requirements: | Level: (Junior/Specialist/Expert)  Jr = 1-5 yrs / Spec=5-10yrs / Exp= >10 + yrs |
| Advanced C++ | Specialist |
| Python | Specialist |
| Multthread/interprocess communication. | Specialist |
| Docker/Microservices | Specialist |
| DevOp Tools(Canon, jenkins Artifact, Ansible.) | Specialist |
| PKI Security/Cryptography | Specialist |
| TIBCO/IBM MQ | Junior |
| .libxml, openssl | Junior |

1. **Java/Big Data**

Pipeline Upcoming 2 open positions:

Big Data Developers with **strong programmer/developer background** (Java)

Key Skills to look for: PySpark, Elastic Search, Python, Machine Learning

Strong Unix

Added note: HM will be out for majority of July

* Big Data – exp. With Cloudera, Syslog-ng, Scala, Flume, Apache Spark.
  + Big Data skills, which will show Hadoop etc. as the larger core skill
  + Within that Hadoop master set, the person could have used HortonWorks or Cloudera – we want the person who has used **Cloudera**
  + Then, they would have done all this in an environment that uses **Spark** as the server, and **Scala** is the language that they would have used on the Spark servers
  + Typically, the people who are using Scala now, would have their previous background in Java – it’s not that we are looking for core Java developers now, but people who have that background before they came into Big Data

1. **8489 – Security Engineer**

Location: Manassas, VA

Contract to Hire – GC/USC are preferred as SWIFT does not do sponsorships

**Scope of Work:**

**Responsibilities**

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| * Help development teams strengthen secure coding practices for Continuous Integration and Continuous Delivery. This will be achieved by, for example, enhancing  code scanning to detect insecure code, vulnerable embedded open source components, detecting insecure cryptographic primitives and delivering training to software developers. * Establish security standards and guidelines for secure deployment of enterprise applications in Cloud * Provide support to IT delivery teams in for security requirement as part of DevSecOps * Analyze opportunities to enhance our security testing practices, including formalizing misuse case analysis and defining an application level fuzzing approach. * Provide technical assistance during software design activities. * Research and assess new threats and security alerts and recommend remedial actions. |

**Qualifications**

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| * Bachelor’s degree in Computer Science, Information Systems, or a related field; or equivalent work experience. * At least 2 + years of work experience in IT security. * Knowledge of secure coding and security testing practices. * Knowledge of security practices in data encryption at rest and in transit. * Knowledge of data security from the perspective of SaaS, PaaS and IaaS * Knowledge in Linux, change management and versioning tools such as Git & BitBucket * Experience in shell scripting (ksh, perl, awk ,sed ) * Ability to self-learn in fast paced technical environment. * Strong analytical and communication skills. |

1. **8501 – Security Engineer**

Location: Manassas, VA

**Scope of Work:**

We are seeking a Cyber Security experts in Application, Cloud hosting, Network and Middleware Technology who can lead evaluation of security products that help strengthen our security posture further.

Responsibilities include:

• Lead exploration and technical experimentation of emerging security technologies in areas such as networks, systems, middleware and applications hosted on-premises and cloud.

• Drive technical POCs working with external parties/vendors, internal application and business/security experts to demonstrate usage of application security technologies in addressing identified security gaps/improvements.

• Research industry best practices/emerging technologies and create presentations to share the workings and suggest business relevant application usage to leverage selected technologies

• Create presentations to share with stakeholders/management the underlying application security and instrumentation technologies and their workings.

• Be a team player and have good communication skills

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| Skills/Requirements: | Level: (Junior/Specialist/Expert)  Jr = 1-5 yrs / Spec=5-10yrs / Exp= >10 + yrs |
| Great awareness of cybersecurity trends and hacking techniques | Specialist |
| Experienced in working with mission critical networks and application with a keen understanding of underling security concerns | Specialist |
| Experience working with End point protection technologies for applications hosted on-premises and on-cloud | Specialist |
| Perform vulnerability testing, risk analyses and security assessments | Specialist |
| Experience working with Security Event Detection and Response technologies | Specialist |
| Being able to work autonomously | Specialist |
| Hands on coding experience in different languages like Java, Python, JavaScript etc… Capable of developing  application quickly to complete the proof of concept. | Specialist |
| Good knowledge on various protocols used in web applications like OAuth, JWT, OpenId, TLS, Rest API, HTTPS.. | Specialist |
| Education  - University degree in Computer Science or equivalent  Experience  - At least 10 years of IT solution building in the industry and 5+ years working experience with cyber security products. |  |

1. **8543 – Architect**

Location: Manassas, VA

**Scope of Work:**

Agile Infrastructure Transformation: ITSM Architect assigned primarily to work with the newly launched Tooling Organization to define the

IT Service Management Architecture and roadmap and support capabilities build out.

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| Skills/Requirements: | Level: (Junior/Specialist/Expert)  Jr = 1-5 yrs / Spec=5-10yrs / Exp= >10 + yrs |
| IT Service Management Hands on Design and Implementation | Expert |
| CMDB, | Expert |
| Change Management, Asset Management | Expert |
| Incident & Problem Management | Expert |
| Service Catalogue | Expert |
| Request Management & Service Desk | Expert |
| Experience integrating ITSM with ITOM | Expert |
| Hands on Experience with Service Now is a plus | Specialist |
| Experience integrating with Infrastructure Automation Tools is a plus | Specialist |
| Knowledge of On-Prem as well as Cloud Implementations | Specialist |