ATLAS Internal Job Listings

VeriSign employees contribute a wealth of talent, creativity, innovation, dedication, and diversity to the company. The Employee Referral Program gives you a wonderful opportunity to bring in new and talented people, while continuously building a strong workforce. And as an added bonus, you earn extra money!

Refer qualified friends, former co-workers, colleagues, members of professional associations, etc., and enjoy a bonus of $2000 per hire! Get started by searching the open positions now.

Development Jobs

Software Development Manager

Job ID: veri-00003506
Location(s): Dulles VA

Accelerate your career! At VeriSign, we provide one of the fastest growing, sought after environments where you can develop your Web technology career. Our main offices are located in the high-tech hotbeds of the Silicon Valley and Dulles Corridor of Northern Virginia. We are seeking visionary, skilled, enthusiastic professionals to join our staff of 3,000+ who provide the infrastructure for the future of digital and wireless electronic commerce. We offer competitive salaries, stock options, bonus plans, and a comprehensive, flexible benefits package.

Join the team that architected and built VeriSign's Advanced Transaction Lookup and Signaling System (ATLAS) infrastructure that runs the .com and .net root domains for performing billions of transactions every day.

Responsibilities:
The ATLAS Software Manager will directly report to the Director of Engineering and lead a team of developers responsible for design and development of key infrastructure and network services, i.e., DNS and Strong Authentication. The candidate should, under minimal supervision:
- Plan, organize, and direct development related activities
- Provide technical leadership on multiple concurrent projects of varying complexities
- Hire, retain, and manage performance of the team
- Deliver quality products on time and budget

Requirements:
- 5+ years experience managing development teams
- Excellent written and verbal communication
- Strong knowledge of relational database and network protocols
- Experience developing high volume network applications
- Ability to think creatively
- Strong analytical and technical skills
- Thorough understanding of software development lifecycle and test processes
- Ability to work with the key project stakeholders (Business, Operations)
- Ability to lead the development teams working in dynamic environment
- Ability to prepare requirements, project schedules and design documents
- Excellent problem analysis, troubleshooting, and resolution skills
- C++/Java knowledge a plus
- DNS knowledge a plus
- Ability to diagnose performance a plus
- BS/MS degree in Computer Science or related field

Senior Software Developer – VoIP

Job ID: veri-00004432
Location(s): Dulles VA

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Join the team that architected and built VeriSign's Advanced Transaction Lookup and Signaling System (ATLAS) infrastructure that runs the .com and .net root domains for performing billions of transactions every day. This massively scaleable, high performance and highly available platform powers the new Verisign offering of Network Routing Directory (NRD) – a core IP registry and HSS platform that provides reliable access to mission-critical network-routing and subscriber-location data and enables next-generation, converged service providers to offer services built on this infrastructure.

Responsibilities:

Candidates for this position should have strong technical skills to design and develop VoIP network functions including network routing and service brokering services. The Senior Software Developer will be responsible to develop, maintain, and support applications and infrastructure for the NRD product.

Requirements:

- 8+ years experience developing complex, reliable, and mission-critical software systems
- C++/C expertise
- UNIX or Linux experience
- Experience with network programming (TCP/UDP)
- Good understanding of telecommunications systems and protocols
- Expertise developing applications for landline and mobile applications using the following protocols:
    - SS7
    - SIGTRAN
    - IS41/GSM/MAP
    - TCAP/IN/AIN
- Complete development life cycle experience from design through implementation and support
- Superb verbal and written communication skills
- Strong troubleshooting skills
- A strong team player and a self-starter
- Knowledge of database concepts a plus
- Knowledge of new and upcoming VoIP related protocols like SIP/SIMPLE/ENUM/TLS a plus
- Multi-threaded client/server development a plus
- BS/MS degree in Computer Science or related field

Software Developer - VoIP

Job ID: veri-00004431
Location(s): Dulles VA

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Responsibilities:
Candidates for this position should have strong technical skills to design and develop VoIP network functions including network routing and service brokering services. The Software Developer will be responsible to develop, maintain, and support applications and infrastructure for the NRD product.

Requirements:
- 5+ years experience developing complex, reliable, and mission-critical software systems
- C++/C expertise
- UNIX or Linux experience
- Experience with network programming (TCP/UDP)
- Good understanding of telecommunications systems and protocols
- Expertise in developing applications using the following protocols:
    - SIP
    - SIMPLE/IM/Presence
    - ENUM
    - TLS
- Complete development life cycle experience from design through implementation and support
- Superb verbal and written communication skills
- Strong troubleshooting skills
- A strong team player and a self-starter
- Knowledge of database concepts a plus
- Knowledge of other Telephony protocols like SS7/Sigtran/TCAP/GSM/MAP a plus
- Multi-threaded client/server development a plus
- BS/MS degree in Computer Science or related field

Senior Software Developer – DNS

Job ID:
Location(s): Dulles VA

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Responsibilities:
The Senior Software Developer will be responsible for the development and maintenance of ATLAS applications for the DNS resolution. The candidate should have excellent interpersonal, communication, and troubleshooting skills. The person should ideally have experience in maintaining high-profile, custom developed, highly available production applications. The person is required to pay special attention to performance and have the ability to isolate difficult production problems.

Requirements:
- 6+ years experience developing software
- C/C++ and other programming languages
- SQL, databases, ACID transactions
- Scripting languages like perl, ksh, etc
- Network programming
- Excellent oral and written communication skills
- Strong troubleshooting, debugging, problem solving and analysis skills
- Linux/UNIX internals
- Debugging tools
- Creative thinking
- Methodological problem solving
- Ability to work in a dynamic development environment
- DNS protocol development (bind, etc.) a plus
- BS/MS degree in Computer Science or related field

Senior Software Developer – Provisioning

Job ID:
Location(s): Dulles VA

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Responsibilities:
We are looking for an experienced and motivated Senior Software Developer to lead, design and develop the Provisioning System for NRD/VoIP. The candidate will work with a small, focused team to build new products in Java/J2EE. The person is required to participate in planning, designing and other phases of the development, including the following:
- Play a critical role in the design and development of the NRD/VoIP Provisioning Platform
- Participate in Requirements Definition
- Design and implement key software components
- Work with and support other teams like Product Management, QA, and Operations

Requirements:
- 10+ years software development experience
- Strong background (5+ years) in Java, J2EE
- Experience utilizing Oracle RDBMS as the backend data store
- Experience in full product lifecycle of enterprise grade systems
- Experience developing high capacity, highly available, high performance systems
- Excellent written and oral communication skills
- Ability to work well in a team
- Experience with other web technologies like XML, SOAP, JBOSS a plus
- Experience with Telecom provisioning systems and protocols a plus
- Project leadership experience (at least 1 - 2 years) and the desire to lead projects a plus
- BS/MS degree in Computer Science or related field

Software Developer – Network Monitoring

Job ID:
Location(s): Dulles VA

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Responsibilities:
The Software Developer will be responsible for the design and development of active and passive network monitoring tools. The candidate should have excellent interpersonal, communication, and troubleshooting skills, plus extensive experience with network protocols and Linux/UNIX internals. The person should ideally have experience in maintaining high-profile, custom developed, highly available production applications. The person must have the ability to produce highly scaleable applications to meet demanding performance constraints.

Requirements:
- 6+ years experience developing software
- C/C++/Java and other programming languages
- SQL, databases
- Scripting languages like perl, sh, etc.
- Extensive network programming skills
- Excellent oral and written communication skills
- Strong troubleshooting, debugging, problem solving, and analysis skills
- Linux/UNIX internals
- Debugging tools
- Knowledge of DNS, HTTP, SNMP, SMTP, SIP, and BGP protocols
- J2EE and other web technologies
- Data analysis and visualization
- Hands-on network management experience with large networks
- Creative thinking
- Methodological problem solving
- Ability to work in a dynamic development environment
- BS/MS degree in Computer Science or related field

Architect/Principal Engineer - VoIP

Job ID: veri-00004042
Location(s): Dulles VA

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Responsibilities:
Looking for a candidate with strong technical skills to architect and design the Next Generation Telephony Network (NGN) functions including routing and service brokering. The person will be responsible to provide technical leadership and work with the Software Engineering manager, Business Development group, and end Customers to help develop applications and infrastructure for the NGN. The candidate must have strong knowledge of the new and existing Telephony protocols and their interworking. The candidate must be able to look at the "big picture" and have a forward-looking attitude with vision to develop new, innovative services using new and evolving protocols.

Requirements:
- 10+ years experience developing complex software systems
- Expertise in various new and existing Telephony protocols like SIP, ENUM, TLS, SS7, IS41/GSM/MAP, TRIP, TGREP, etc.
- Complete development life cycle experience from design through implementation
- Creative, flexible, and able to fill multiple functions with development teams
- Proven track record of successfully architecting, designing, and developing complex systems and applications
- Excellent verbal and written communication skills
- Experience in telecommunications or data networking
- C/C++ expertise preferred
- UNIX or Linux expertise preferred
- Knowledge of database concepts preferred
- BS/MS in Computer Science or related field

Requirements Analyst

Job ID: veri-00004190
Location(s): Dulles VA

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Responsibilities:
The Requirements Analyst is a critical member of the Engineering team whose primary responsibilities are to work with Product Management, Operations, and the rest of Engineering to identify, document, and maintain a project's technical requirements. In this position, you will be responsible for ensuring that business requirements are expressed in a form that is effective for developers to formulate detailed designs and for QA engineers to build test cases. The successful Requirements Analyst is business savvy and can understand the nuances of complicated business algorithms and practices, and also can express that business knowledge for use by engineers. As a Requirements Analyst, you are involved throughout the software development lifecycle and not only author the requirements, but also manage the change request process for the team.

The Engineering Department within VeriSign's Naming Operations and Infrastructure division is responsible for building and maintaining some of the world's most critical Internet infrastructure. As a Requirements Analyst, you will be at the forefront of new emerging directory services, including VoIP and SS7 efforts in VeriSign, helping to define the next generation of Internet services and infrastructure.

Requirements:
5+ years demonstrated experience performing the following tasks:
- Writing clear, concise, and thoughtful technical requirements specifications through use cases, interaction diagrams, and functional specifications
- Conducting requirements gathering sessions using JAD techniques
- Serving as the bridge between the business community and software engineers
- Independently performing analysis at a senior level
- Solving complex business problems while addressing technical issues and assessing possible project impacts
- Multi-tasking across several mission-critical projects in a commercial software development environment
- Previous exposure to SS7 and/or SIP efforts preferred
- Experience with CVS and/or StarTeam products a plus
- BS/MS degree in Computer Science or related field

As this is a high visibility position, the ability to communicate well both orally and in writing as well as work independently is critical.

Technical Writer

Job ID: veri-00004189
Location(s): Dulles VA

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Responsibilities:
The primary focus of this position will be to understand and document different applications currently running on, and under development for, VeriSign's ATLAS platform. The individual will be involved in all phases of requirement definition/analysis, application design, and development. We are looking for a highly motivated, self-directed individual who is capable of performing all tasks with a minimal amount of supervision. Typical deliverables are in direct support of our Operations team and ensure that they have the documents needed to successfully support our enterprise class applications.

Requirements:
5+ years demonstrated experience performing the following tasks:
- Excellent verbal and written communication skills
- Ability to create and update project technical documents
- Thorough understanding of software development lifecycle and test processes
- Ability to work independently and as part of a team following established guidelines
- Ability to prepare tasks estimates, test schedules, and to provide input to project(s) master schedule
- Excellent problem analysis, troubleshooting, and resolution skills
- UNIX or Linux experience
- Software/system performance knowledge
- Experience developing applications utilizing DNS, SIP, SS7/TCAP a plus
- BS/MS degree in Computer Science or related field

Quality Assurance Jobs

Quality Assurance Manager

Job ID: veri-00004523
Location(s): Dulles VA

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Responsibilities:
The Quality Assurance Manager will oversee and directly participate in the following activities:
- Build QA team with the correct complement of personnel
- Hire, mentor, perform yearly reviews of test personnel
- Coordinate QA-related resource and scheduling details
- Participate in software requirements analysis and reviews
- Participate in software design meetings and reviews
- Define overall product test strategy
- Define test environment requirements
- Develop and execute software test plans, reports
- Conduct test plan reviews
- Effectively communicate the status of software testing
- Coordinate software defect identification, tracking, and resolution
- Understand and be able to communicate technical details of software, hardware, and network components being tested to external groups
- Participate in product/program meetings and effectively communicate test methodology, status, concerns

Requirements:
- 7+ years experience managing software testing
- 10+ years professional experience in a software development and/or software testing-related position
- Thorough understanding of software engineering principles and practices
- Thorough understanding of software testing principles and practices, and their implementation
- Excellent verbal and written communications skills
- Strong team building and leadership skills
- 3+ years Telecommunications test experience (e.g., SS7, SIP)
- Practical experience with one or more of the programming languages: C, C++, Java, Perl
- Experience developing and/or testing systems on UNIX-based operating systems
- 5+ years RDBMS and SQL experience
- Experience with Web-based technologies
- Experience with software test management tools such as Test Director
- Experience with software defect tracking tools
- BS/MS degree in Computer Science or related field

Quality Assurance Engineer - Provisioning

Job ID: veri-00004167
Location(s): Dulles VA

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Responsibilities:
The Quality Assurance Engineer will develop and implement test strategies and test plans/cases for Next Generation Telephony Network applications/infrastructure (e.g., routing, service brokering).

Requirements:
- 7+ years software testing experience of UNIX applications including software application installation/configuration
- In depth understanding and troubleshooting skills of TCP/IP networks (e.g., routing tables, host/network configuration issues); Cisco certification a plus
- 5+ years RDBMS & SQL experience: Oracle 9i with knowledge of streams a plus, Oracle certifications a plus
- 3+ years programming experience (e.g., Perl, Java, C++)
- Experience testing Web Technologies/GUI (e.g., WebLogic, Apache)
- 5+ years experience writing UNIX shell scripts; Linux experience a plus
- Experience with test tools such as WinRunner/LoadRunner
- Experience with tools such as: Test Director, defect tracking tools
- Ability to perform requirements traceability and create test products such as high level and detailed test plans and test reports
- Experience in a telecommunications environment: VoIP, SIP (Sessions Initiation protocol) a plus
- Excellent communication skills
- Thorough understanding of test processes and ability to estimate task duration
- Ability to work as part of a team or lead a team following established guidelines
- Excellent troubleshooting skills
- BS/MS degree in Computer Science or related field

Quality Assurance Engineer - Provisioning

Job ID: veri-00004522
Location(s): Dulles VA

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Responsibilities:
The Quality Assurance Engineer will develop and implement test strategies and test plans/cases for Next Generation Telephony Network applications/infrastructure (e.g., routing, service brokering).

Requirements:
- 7+ years software testing experience of UNIX applications including software application installation/configuration
- In depth understanding and troubleshooting skills of TCP/IP networks (e.g., routing tables, host/network configuration issues); Cisco certification a plus
- 5+ years RDBMS & SQL experience: Oracle 9i with knowledge of streams a plus, Oracle certifications a plus
- 3+ years programming experience (e.g., Perl, Java, C++)
- Experience testing Web Technologies/GUI (e.g., WebLogic, Apache)
- 5+ years writing UNIX shell scripts; Linux experience a plus
- Experience with test tools such as WinRunner/LoadRunner
- Experience with tools such as: Test Director, defect tracking tools
- Ability to perform requirements traceability and create test products such as high level and detailed test plans and test reports
- Experience in a telecommunications environment: VoIP, SIP (Sessions Initiation Protocol) a plus
- Excellent communication skills
- Thorough understanding of test processes and ability to estimate task duration
- Ability to work as part of a team or lead a team following established guidelines
- Excellent troubleshooting skills
- BS/MS degree in Computer Science or related field

Quality Assurance Engineer – Strong Authentication

Job ID: veri-00004527
Location(s): Dulles VA

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Responsibilities:
The Quality Assurance Engineer will provide input for all phases of planning and scheduling for the Strong Authentication project. As the Quality Assurance Engineer, you will participate in the preparation of all test products (e.g., test plans, cases, and reports). You will also be responsible for executing test cases and raising subsequent issues to the appropriate personnel. You will perform all tasks with a nominal amount of supervision.

Requirements:
- 7+ years overall test experience with application, protocol and system tests
- Experience with IP-based protocols (e.g., SIP, RADIUS, TLS, HTTP)
- Conformance to standards/RFCs
- Experience with protocol test tools (e.g., EAST/Hammer) Ethereal/TCP Dump
- In depth understanding and troubleshooting skills of TCP/IP networks (e.g., routing tables, host/network configuration issues)
- 5+ years software testing experience in a client/server environment - including software application installation/configuration
- Ability to perform requirement analysis and create test products (test plans, scripts, reports)
- 4+ years UNIX/Linux experience, including shell scripting
- 3+ years Relational database experience (e.g., SQL – Oracle preferred)
- Ability to perform requirement analysis and create test products (test plans, scripts, reports)
- Experience with test tools such as: Test Director, defect tracking tools
- Excellent communication skills
- Thorough understanding of test processes and ability to estimate task duration
- Ability to work as part of a team or lead a team following established guidelines
- Excellent troubleshooting skills
- BS/MS degree in Computer Science or related field

Quality Assurance Engineer – VoIP

Job ID: veri-00004545
Location(s): Dulles VA

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Responsibilities:
The Quality Assurance Engineer will develop and implement test strategies and test plans/cases for Next Generation Telephony Network applications/infrastructure (e.g., routing, service brokering).

Requirements:
- 7+ years overall test experience
- 5+ years Telephony experience: SIP and other VoIP protocols such as H.323, MGCP, MEGACO
- Experience designing and performing interoperability test of VoIP protocols
- Experience with tools such as EAST/Hammer, SIP phones, Ethereal/TCP Dump
- PBX experience (Nortel, Avaya, CISCO) a plus
- Experience testing DNS/ENUM (E.164) a plus
- In depth understanding and troubleshooting skills of TCP/IP networks (e.g., routing tables, host/network configuration issues); Cisco certification a plus
- UNIX/Linux experience, including shell scripting
- Relational database experience (Oracle preferred)
- Excellent communication skills
- Thorough understanding of test processes and ability to estimate task duration
- Ability to work as part of a team or lead a team following established guidelines
- Excellent troubleshooting skills
- BS/MS degree in Computer Science or related field