

Systems Engineer - Payments Security Engineering
Job ID: 379453 | Amazon Data Svcs Ireland Ltd

DESCRIPTION

Are you interested in being part of a fast paced technology company offering the next generation of secure online payment systems and services? Amazon.com, a Fortune 500 company, is the global leader in e-commerce and is seeking candidates for the Payments Security Engineering team.

The Payments Infrastructure Security team provides operational excellence and expertise for the Amazon Payments Platform which powers Amazon.com transactions, AWS payments services and every other piece of commerce that Amazon does. Amazon's core Payments systems are large-scale distributed systems with high throughput and aggressive SLAs for latency and availability. They integrate with financial institutions all over the globe.

We manage key pieces of security infrastructure to maintain our specific standards for network connectivity, security monitoring, access control and cryptographic key management.

We need Systems Engineers who are excited by a role that is hands-on, supports teams in multiple locations and time zones and maintaining services and connectivity 24x7. We are looking for someone with strong security appliance experience, an in-depth knowledge of Unix/Linux, networking knowledge and programming experience. You will partner with software developers, systems engineers, security engineers and product managers to understand and meet their business needs.

Responsibilities include, but are not limited to:

- Managing payments security infrastructure.
- Supporting security compliance efforts (e.g., PCIDSS, SOX).
- Evaluate and recommend new and emerging security products and technologies.
- Participate in critical security operations support.
- Participate in incident handling.

BASIC QUALIFICATIONS

- BS in Computer Science or equivalent desired.
- Minimum 3 years of industry related experience or master degree in ICT disciplines
- Strong experience and detailed technical knowledge in system and network security, authentication and security protocols, and cryptography.

PREFERRED QUALIFICATIONS

- Development experience in C, C++ and/or Java.
- Strong knowledge of Unix/Linux.
- Scripting skills (e.g., PERL, shell scripting).
- Knowledge of network and web related protocols (e.g., TCP/IP, UDP, IPSEC, HTTPS, routing protocols).
- Knowledge of and experience with application security is highly desirable.

- Experience with payments.

Job details

Dublin, Ireland

Amazon Information Security
Systems, Quality, & Security Engineering

Contact: Luigi Di Lena – dilena@amazon.com

Systems Engineer - Payments Infrastructure Security
Job ID: 329436 | Amazon Corporate LLC

DESCRIPTION

Are you interested in being part of a fast paced technology company offering the next generation of secure online payment systems and services? Amazon.com, a Fortune 500 company, is the global leader in e-commerce and is seeking candidates for the Payments Infrastructure Security team.

The Payments Infrastructure Security team provides operational excellence and expertise for the Amazon Payments Platform which powers Amazon.com transactions, AWS payments services, mobile point of sale through the Amazon Local Register and every other piece of commerce that Amazon does. Amazon's core Payments systems are large-scale distributed systems with high throughput and aggressive SLAs for latency and availability. They integrate with financial institutions all over the globe.

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- Knowledge of and experience with application security is highly desirable.
- Experience with payments.

Job details

Seattle, Washington

Amazon Information Security

Systems, Quality, & Security Engineering

Contact: Luigi Di Lena – dilena@amazon.com

Security Engineer

Job ID: 329418 | Amazon Corporate LLC

DESCRIPTION

You have hundreds of thousands of hosts, hundreds of millions of lines of code, billions of online transactions, and one of the most visited sites on the Internet. Now go secure it. At Amazon, we obsess over our customers, and ensuring our customers' trust is our first priority. To earn that trust in an environment as vast and varied as Amazon's and an online world where threats grow ever more sophisticated requires building a world-class information security team to tackle never-before-seen challenges at dizzying scales. You will not just be using cutting-edge technologies here in Amazon; you will be inventing them.

Amazon.com is looking for expert Security Engineers to ensure that our infrastructure is designed and implemented to the high standards required to maintain and enhance customer trust. If you enjoy analyzing networks, system services, operating systems and applications from a security perspective, and you are skilled at discovering security issues that appear under new threat scenarios, this position will provide you with a challenging opportunity. You will participate in the design, build and deployment of security-focused infrastructure as well as provide consultation, architectural review, risk analysis, vulnerability testing and security reviews of many elements of Amazon's systems.

Responsibilities of this role include:

- Identify security issues and risks, and develop mitigation plans
- Architect, design, implement, support, and evaluate security-focused tools and services including project leadership roles
- Advise and consult with internal customers on risk assessment, threat modeling and fixing vulnerabilities
- Develop and interpret security policies and procedures
- Evaluate and recommend new and emerging security products and technologies
- Mentor junior members of the team
- Develop and deliver training materials and perform general security awareness and specific security technology training
- Consult with our Acquisitions and Vendor Risk assessments team on due diligence assessments
- Participate in security compliance efforts
- Participate in on-call incident response
- Participate in projects that develop new intellectual property
- Participate in tier 2 and tier 3 security escalations support
- Evangelize security within Amazon.com and be an advocate for customer trust

BASIC QUALIFICATIONS

- Bachelor's Degree in Computer Science, or equivalent
- At least 3 years of experience in infrastructure or application-level vulnerability testing and auditing
- At least 2 years of experience in system, network and/or application security engineering

- At least 1 years of experience involved (in a development, QA testing, or security role) with development team(s) that delivered commercial software or software-based services
- Consistent track record implementing security solutions at the business unit level
- Knowledge of network and web related protocols (e.g., TCP/IP, UDP, IPSEC, HTTP, BGP and other routing protocols)
- Strong scripting skills in multiple common languages (e.g., Perl, Python, Ruby, shell scripting)
- Detailed knowledge of system security vulnerabilities and remediation techniques, including penetration testing and the development of exploits

PREFERRED QUALIFICATIONS

- Professional experience and detailed technical knowledge in multiple areas of: security engineering, system and network security, authentication and security protocols, cryptography, and application security
- Experience with service-oriented architecture and web services security
- Experience with the application of threat modeling or other risk identification techniques
- Sharp analytical abilities and proven design skills
- Excellent written and verbal communication skills
- Excellent leadership skills and teamwork skills
- Results oriented, high energy, self-motivated

Job details

Seattle, Washington

Amazon Information Security

Systems, Quality, & Security Engineering

Contact: Luigi Di Lena – dilena@amazon.com