Senior Software Development Engineer, Device OS

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Company: Amazon Spain Services, S.L.

Location: Spain

Category: computer-and-mathematical

Amazon Lab126 is an inventive research and development company that designs and engineers high-profile consumer electronics. Lab126 began in 2004 as a subsidiary of Amazon.com, Inc., originally creating the best-selling Kindle family of products. Since then, we have produced groundbreaking devices like Fire tablets, Fire TV, and Amazon Echo. What will you help us create?

Work hard. Have fun. Make history.

The Role:

As a Sr. Software Development Engineer, you will engage with an experienced cross-disciplinary staff to conceive and design innovative consumer products. You must be responsive, flexible and able to succeed within an open collaborative peer environment. The team is responsible for delivering and maintaining software and platforms that are high-performance, low-power, stable and meet the highest security standards.

The Senior Software Development Engineer will provide technical leadership and contribute to the definition, development, integration, test, documentation and support of platform software. This hands-on position requires broad engineering competence and in-depth technical knowledge of embedded software development, Linux development, ARM architecture, device security, as well as demonstrated experience successfully planning, organizing and conducting software development projects in a dynamic environment. You

will be expected to work at all levels of the stack from the application UI to the kernel, nothing is off limits. Members of this team tend to have a high degree of fluency in more than one language and tools and work with an unwavering focus on device operating system's security and privacy.

Key job responsibilities

- Own the software design, documentation, development, engineering approach, delivery and support of DeviceOS security and privacy.
- Be responsible for the architecture and design of software solutions, especially in the area of device security & privacy, determining current limitations and compatibilities between subsystems, selecting new concepts and methodologies, and developing key routines and utilities.
- Dive deep into a difficult problem, identify the root cause, and provide an appropriate solution.

We are open to hiring candidates to work out of one of the following locations:

Virtual Location - ESP

BASIC QUALIFICATIONS

- Experience as a mentor, tech lead or leading an engineering team
- Experience leading the architecture and design (architecture, design patterns, reliability and scaling) of new and current systems
- Experience in professional, non-internship software development
- Experience programming with at least one modern language such as Java, C++, or C# including object-oriented design
- Experience in embedded development in C/C++
- Knowledge of ARM CPUs

PREFERRED QUALIFICATIONS

- Bachelor's degree in computer science or equivalent
- Experience with full software development life cycle, including coding standards, code reviews, source control management, build processes, testing, and operations
- Experience writing low level drivers

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