

# Senior SDE- Kernel Engineer

Job ID: 2958767 | ADCI - BLR 14 SEZ

## DESCRIPTION

The Amazon Devices team designs and engineers high-profile consumer electronics, including the best-selling Kindle family of products. We have also produced groundbreaking devices like Fire tablets, Fire TV, Amazon Dash, and Amazon Echo. What will you help us create?

As a Sr Kernel Engineer you will help build the kernel stack and BSP for various SoCs with custom hardware accelerators to be deployed in a range of Amazon devices. You will develop software for industry standard and custom hardware IP to accelerate applications in machine learning, computer vision and robotics.

In this role you will:

- Developing/modifying BSP: this can include bootloaders, device drivers, kernel and device tree support
- Performing initial hardware bring-up and system integration
- Maintaining/updating the embedded Linux Yocto distribution
- Maintaining a continuous integration environment, including packaging and deployment of software releases

## BASIC QUALIFICATIONS

- 10+ years of non-internship professional software development experience
- 10+ years of programming with at least one software programming language experience
- 10+ years of leading design or architecture (design patterns, reliability and scaling) of new and existing systems experience
- Experience as a mentor, tech lead or leading an engineering team

## PREFERRED QUALIFICATIONS

- 10+ years of full software development life cycle, including coding standards, code reviews, source control management, build processes, testing, and operations experience
- Bachelor's degree in computer science or equivalent

Our inclusive culture empowers Amazonians to deliver the best results for our customers. If you have a disability and need a workplace accommodation or adjustment during the application and hiring process, including support for the interview or onboarding process, please visit <https://amazon.jobs/content/en/how-we-hire/accommodations> for more information. If the country/region you're applying in isn't listed, please contact your Recruiting Partner.

JOIN US ON



Amazon is an equal opportunity employer and does not discriminate on the basis of protected veteran status, disability, or other legally protected status.

[Privacy and Data](#) [Impressum](#)

© 1996-2025, Amazon.com, Inc. or its affiliates