

## Linux/BSP Engineer - Device Driver

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Company: TekPillar

Location: Noida/Cochin/Kochi/Ahmedabad/Bangalore/Pune/Chennai/Pollachi,Manesar

Category: computer-and-mathematical

Role : Linux BSP : 2 - 10 Years Work Location : Ahmedabad, Pune, Manesar, Chennai,

Kochi, Pollachi, Bangalore, Noida Must Have skills (Primary, Secondary) : Must have :

Embedded, Linux, Device driver, C programming, BSP, Multithreading Good to have :

Audio/video, Camera development Job Description : The incumbent will be responsible for

developing software in custom camera security solutions. Design, develop, and maintain

board support packages (BSP) for embedded Linux systems. Customize and configure

Linux kernels, device drivers, and bootloader components to meet specific hardware

requirements. Collaborate with hardware engineers to define system architecture and

hardware/software interfaces. Perform board bring-up and validation activities, including

debugging and troubleshooting hardware/software integration issues. Optimize system

performance and resource utilization through kernel tuning, driver optimization, and

system-level profiling. Develop and maintain documentation, including design specifications,

user guides, and release notes. Required Skills & Experience : Must have experience

developing embedded Linux BSP. Strong proficiency in C/C++ programming languages and

shell scripting. Experience in Linux kernel internals, device drivers, and bootloader

configurations. Experience with embedded development tools and cross-compilation

toolchains. Excellent problem-solving and debugging skills. Ability to work independently and

collaboratively in a fast-paced environment. (ref:hirist.tech)

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