



## **Job Description: IOT Research Engineer – Device Software**

- Develop software and device drivers for IOT.
- Demonstrate practical experience designing and writing software for embedded Linux systems.
- Design and develop robust, elegant embedded applications and/or firmware for controlling, operating, and managing complex, distributed real-time autonomous systems in a fast-paced environment.
- Work closely with the hardware team to optimize code to ensure performance.
- Design advanced software modules that follow modern design patterns.
- Create design documents on software architecture and algorithms.
- Develop and manage modules for quality improvement program for IoT firmware, mobile, and web applications.

## **Qualification:**

- B.S/M.S in Computer Science, Electrical Engineering with 0-1 year of embedded experience.
- Expertise in C/C++.
- Experience writing Linux device drivers and configuring and modifying the kernel.
- Proficiency with software configuration management tools such as Git or SVN.
- Knowledge of data structures and object-oriented design.
- Experience in GPU accelerated computing.
- Critical thinking and complex problem-solving abilities.

**For more information contact us @7032499651 email us at: [contact@designnation.in](mailto:contact@designnation.in)**