

Senior Firmware Engineer

Witworks is a modern-day consumer technology company that makes smart devices in the home and lifestyle space. We are a team of designers, developers & engineers who love molding atoms & pixels to create devices that have the ability to become ubiquitous, and solve everyday user problems. We also believe that every interaction with our devices in the material or the digital world must be intuitive and delightful.

For our first connected device, we are reimagining how we interact with a wrist wearable. Traditionally, time was the most important information we sought on the go, but this has long changed since smartphones came into being. We believe it is time to transform the wrist into a home for the most essential information we seek, but not by miniaturizing smart phones.

We have thus developed a new paradigm for defining the content and interactions on a wrist wearable and are building our own Wearable OS & Device to bring this to life. Our intent is to create an iconic device that will revolutionize the way the world looks at smartwatches and find a place on millions of wrists in the near future.

As the **Senior Firmware Engineer at Witworks**, you will help architect and build the Wearable OS and the embedded applications that make up the heart of the Device. You will work on seamless interfacing of hardware, developing underlying system services & designing the APIs that will be used by application developers on iOS, Android as well as our own platform.

Key Responsibilities:

- Engage with the product design, software & hardware teams to specify, design, build and test new features for the Wearable OS
- Employ best in class practices to achieve a seamless user experience and robust/reliable implementation
- Write extensive test cases for device drivers, system services and APIs
- Building development environments and tools, both for the internal engineering team as well as for developers using our SDKs

Requirements:

- Java and/or C++ development experience in commercial products
- Understanding of peculiarities of multi-threaded code & knowledge of modern computer architecture
- Understanding of principles of OOP and ability to create modular and extensible APIs
- Knowledge of automatically testing any kind of code;
- Able to work efficiently as a part of a team and independently.
- Familiarity with modern debugger technologies
- Have experience of plugin development for IntelliJ IDEA, Eclipse or NetBeans (preferred)
- Familiarity with Android, iOS or other Mobile OSs

- Experience of working on the linux kernel, android compatible drivers or android source code
- Experience of working with implementation of bluetooth or display drivers (preferred)
- Understanding of power & memory management techniques in embedded systems
- Knowledge of microcontrollers & microprocessors (ARM preferred, AVR, Arduino, PIC)

If you have always loved making electronic hardware dance to your fingertips with your code, or imagine yourself on the stage every time you see an Android feature launch, this is a role for you.

Contact us with your resume & links to your previous work at:

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