

draft of job description

In-House App Developer for Max Mobility / Permobil

Job Description

Salary: Based on Education / Experience

We are looking to bring our smartphone / tablet app development in-house with the goal of expanding our current capabilities as well as offering new apps, integrations, and services. The primary initial focus will be the development of an android and iOS app which

- Connects to the PushTracker (which is BLE Central) and to the SmartDrive (which is BLE Peripheral) to
 - Transmit / Recieve configuration and settings
 - Receive usage info periodically per day
 - Perform Over-the-Air (OTA) Firmware Updates
- Provides a rich interactive display of personal activity data gathered from the PushTracker / SmartDrive
- Connects to our server backend for account / data creation, management and storage
- Receives push notifications from the server backend
- Provides social sharing / interaction between users and with their social media providers

- Integrates with geolocation services and mapping for display of journeys and path options

Since not everyone has a capable smartphone, we are looking to use a platform which can allow us to re-use a majority of the code-base if possible in a web framework.

Additionally, we have additional app ideas we would like to discuss and develop related to our product suite which will aid us in our business activities as well as our clinical research studies.

Finally, we want you to be engaged and energetic with our products and our field, so we encourage discussion and development of ideas you have and furthering your involvement in our company, especially as you integrate with our research and development team.

Required Skills

- Android or iOS app development experience (both is preferred)
- Web development experience is a plus
- Software / Embedded Software development experience is a plus
- Database integration experience with user account management
- Experience with OOP principles, especially as they relate to code-reuse, component based software systems, unit testing, etc.
- Since we are targeting cross-platform development and maximizing code-reuse, Javascript / TypeScript experience is preferred
- Wireless communications (especially bluetooth / BLE) experience is a plus
- Experience with Nativescript is highly preferred

- Experience with Angular is highly preferred

About Permobil

Here at Permobil, we take a personal approach to wheelchairs and seating systems. That's a bold statement that speaks to the history of our three companies – Permobil, TiLite and ROHO – and to our combined strength in the complex rehab industry. It means every product we create is inspired by the real lives of people with disabilities. It means each of our employees strives every day to solve the challenges of mobility, comfort and safety. Challenges our customers face every day. And it means that, no matter what our customers are striving for, we're there to support them, using the latest technologies and our own ingenuity. Why? Because we believe everyone has the right to the same standards. That what a person is capable of should never be a question of ability.

Permobil will develop, manufacture and market wheelchairs, seating and positioning and communication systems for people with disabilities. Our products lead in quality, performance, safety and function – all to provide our community of users with the best possible compensation for their disabilities.

One of our current products, the SmartDrive MX2+, is a revolutionary power-assist add-on for manual wheelchairs which enables our users to go farther and faster than they ever could before.

The new SmartDrive MX2+ now with the PushTracker wristband makes the already award-winning wheelchair power assist even better—it will truly change your life. It can power you up steep hills and through thick carpet. It's intuitive to use and will go for miles on a single charge. Turn on, get out there and rediscover your independence!

Powerful - The SmartDrive is surprisingly powerful. You can cruise up the steepest ramps and sidewalks. Even a thick padded hotel carpet is no problem. It even has an anti-rollback feature that allows you to stop on a hill and then easily get going again.

Customizable - Now with PushTracker the SmartDrive power assist can be individualized, allowing tweaks to the tap sensitivity, top speed and more. Also equipped with different selectable modes, you can easily pick the one that is best for your desired activity level and needs. But no matter what mode you chose, using the SmartDrive is intuitive and easy.

Location

We are located just outside of Nashville, TN in Antioch.

Max Mobility / Permobil

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