# Job Post

A plugin for cordova (phonegap) v3.3+ to run a background service on android v2.3.3+, which will record geolocation positions in the background and send them periodically as JSON to a URL (specified from the javascript interface). The service also auto-restarts and displays a notification at all times.

The requirements for this service:

- versions:

- cordova 3.3+

- android 2.3.3+ (SDK 10+)

We have a full technical description available to shortlisted candidates to provide a project price or agree an hourly fee.

Desired Skills

Javascript, PhoneGap, Android SDK, GPS

# Bid

Dear, Client.

Have developed several cordova native (iOS/Android) plugins. You might see it in my Elance history. I want you will see my job history to confirm whether I could accomplish your job or not.

I have also developed an android service to get location periodically using google map apis, and have attached source code file that is getting location.

Could we make a background service as a cordova plugin?

of course Yes!

Cordova supports Android Background Service plugin, you could find it following this url;

https://github.com/Red-Folder/Cordova-Plugin-BackgroundService

I analysed this service code to implement background service in a plugin a few months ago.

As you can see there are several issues for developing background service plugin. But I have my experiences in this field.

And these urls could help you to understand how we could auto restart android service.

http://stackoverflow.com/questions/15452935/android-background-service-is-restarting-when-application-is-killed

http://stackoverflow.com/questions/4666192/how-to-restart-a-killed-service-automatically

About sending location data to server, someone could use AFNetworking(for REST/JSON) library or ASINetworking(SOAP) library. I have developed several data-intensive social networking apps on Android, so I think I can help you to implement data posting function.

Even though we might not work together, maybe I could help you to answer some technical questions.

I have some questions about your job and want to communicate further.

Thanks,

HuiQuan.