

Development Candidate Project

Documentation

Objective

To provide CSM a better understanding of your development skills, problem-solving, and creative solution abilities you are being asked to complete the following candidate project.

Scope of Work

To create a web or mobile application based on the requirements outlined below. If you're being considered for a PHP web application developer position then your only requirements are that you must use PHP as your development language. If you're being considered for a React web application developer position then your only requirements are that you must use React as your development language. If you're being considered for a mobile application developer position then you can deliver your solution however you see fit.

Project Name: Drone Drop Delivery

Purpose: The client runs a company called Drone Drop Delivery which uses drones to deliver mail and small packages to your location. Your application will be used by users to signup for the drone delivery service.

Project Requirements

Your project solution must cover all of the following requirements and you can spend as little or as much time on this project as you would like.

1. Develop an application that will ask a user for their name and address
2. Once the user enters their name and address the application must verify and validate the address against an address verification service and in turn geo-code the address to be stored later.
3. After the address has been geo-coded the user will be asked to verify their address and to finalize their signup to the drone drop services.
4. Finally, the user will be shown a list of all the other users that have been signed up for the service once they have also signed up.

Deliverables

1. At least 24hrs before your scheduled interview timeslot please send an email to hr@csm.cc with the following information
 - a. Weblink to your finished project that can be run/executed (PHP projects only)
 - i. Mobile application projects will be demoed from your computer during the interview
 - b. Link to source code repo (Github/Gitlab)
2. During your interview, you will be given time to walk our team through your solution and show off your creative handy work.