

## GEOSPOC TEST PROJECT

INDIA OFFICE

# FULL STACK DEVELOPER

## GOAL

This is a test to understand what your technical knowledge is. Our goal is to understand if you are as good from a technical perspective as you were from a conversational / profile perspective. This is a test where you don't need to use any specific technology. Want to use javascript? Go ahead. Prefer php? Be our guest. You have to justify your choices. You do not need to include all of the requirements below. **However**, the more you include, the better. We'll always evaluate it according to your seniority status (eg: if you are a fresher, it is normal that you do less than an experienced developer).

You can ask us questions anytime. PLEASE ASK!

## Fictional Problem

We want to create a web based platform that allows candidates to be evaluated by multiple people.

## Requirements

Please remember you can submit your test without some of the below. This will be evaluated based on your experience. If you have less experience it is normal that you can do less.

- Frontend that anyone can access with a form that includes:
  - Name
  - Email
  - Web Address
  - Cover Letter
  - Attachment (for CV etc)
  - Do you like working? (Yes/No Question)
  - Captcha
- The user should be able to see and access the above-mentioned frontend anytime. However, he should only be able to apply once per email id.
- Form should have proper validation. All fields required.
- Information should be somehow stored (this is up to you. You choose languages and all of the implementation)

- There is a password protected backend. There should be a login and registration. Registration requires email approval.
- Once logged in you can access all the profiles submitted through the frontend;
- You can search profiles (by whatever you feel makes sense).
- Search could be done without page reload, ideally.
- You can open a profile. A profile includes all of the information submitted by the user plus: IP, Location (based on IP), Timestamp;
- Inline pdf visualisation is a plus.
- You can add comments - comments are tied to the user who made them and to the profile to whom those were made. A user can see their own comments as well as of everyone else.
- You can add review (review is a 5 star scale). A review can be 1 star all the way to 5 stars.
- User should be able, from the list to see all profiles that he/she reviewed already.
- There should be a place on the backend (password protected) showing the 5 star reviewed profiles (profiles that got 5 stars in at least one review).

## Notes

- Remember you can use whatever technology you want;
- Remember you can complete this only partially;
- Remember we are looking for someone with a critical mindset - so if you have critics, suggestions or questions do let us know. It is not only ok, it is recommended;
- Styling doesn't matter. If you want, use a standard bootstrap template. We'll be looking at the code, not the looks.

## Deliverables

This is what you need to submit to us until the deadline below:

- Time it took you to get everything completed;
- Github / Bitbucket link for the project - ZIP FILES ARE NOT ACCEPTED.
- Your choice of technologies and explanation (why you chose that)
- What was the hardest part
- Anything else you feel we should know
- \*optional but ideal: a link to test.

## Deadline

Everything should be submitted until end of day (Indian time) on date mentioned in the email. If you can submit earlier, the better.