**Preliminary Online Interview Test for Experienced Android / IOS Cross Platform Developer**

Thank you for your application. Our recruitment process is in 3 stages. We have decided to carry out the first stage online. The other 2 stages will be physical interviews at our Offices in any of our locations or as Virtual Interviews (where applicable)

Find below the Technical Interview Questions. Before commencing, kindly acknowledge receipt of this Email.

Note: You will need to complete the test within 24 hours of getting this notification.

**STEP 1**

Kindly answer the attached question.

**STEP 2**

Upload your solution to any temporary hosting for assessment.

**STEP 3**

When you have completed the test, Kindly complete this online form to inform our team of completion <https://blog.bincom.net/bincomforms/bincom-recruitment-online-interview-submission-form/>

The submission should contain:

1. An online link to the working solution that can be viewed by the Assessors.
2. A link to your working code files (preferably a link to an online repository or storage)

**Wishing you all the best.**

**Experienced Android / IOS Cross Platform Developer Assessment**

*Last Updated: 16th October 2021 - Time Allowed: 24 hours*

**Section 1: Previous Project Experience**

Please provide links to Android / iOS Apps that you built / you were part of building. (Only Apps in the store will count). What was your role in this project?

**Project 1:**

|  |  |
| --- | --- |
| **Name of Project** | i-Wish |
| **Short Description of Project** | A webapp for creating and granting wishes. |
| **Link to Android App in Store:** |  |
| **Link to IOS App in Store:** |  |
| **Link to Web / Backend / APIs:** | <https://i-wish-secondary.vercel.app/>  https://i-wish-page.vercel.app/  i-wish.vercel.app |
| **What was your role in the project?** | Frontend Develeoper developing the   * landing page, * user page and the * admin panel of the project. |
| **Please describe some of the key features of the project to enable us understand how complex it was:** | * Users who have an account with i-wish get to create a wish or wishes on the website * which in turn can be granted by whoever they send it to. * Wishes can be granted by making the equivalent price of the wish or * purchasing the item from available vendors registered on the platform. |

**Project 2:**

|  |  |
| --- | --- |
| **Name of Project** | Quiz App. |
| **Short Description of Project** | A web app for Students aspiring to gain admission into Nigerian university to prepare themselves academically. |
| **Link to Android App in Store:** |  |
| **Link to IOS App in Store:** |  |
| **Link to Web / Backend / APIs:** | https://ezams.netlify.app/ |
| **What was your role in the project?** | * Built the interface of the page * Developed the question bank in form of JSON |
| **Please describe some of the key features of the project to enable us understand how complex it was:** | * Local auth to prevent users who don’t have access code from writing the test. * Access to chosen answers. * Countdown timer which logs user out if unable to finish before the set deadline. * Ability to check all answers when submitted. * A progress bar that tracks the progress of the user. |

**Section 2: Role Fit**

In this section, we seek to understand from your perspective how your profile and experience fits this job role.

In ALL CASES, Please include SPECIFIC examples and if possible links to projects.

Where possible, use the STAR model (https://www.vawizard.org/wiz-pdf/STAR\_Method\_Interviews.pdf ) to answer the questions.

|  |  |
| --- | --- |
| **Job Requirements** | **Briefly Describe How your Profile and Experience Matches this Requirement.** |
| 2+ years of proven Experience developing in React Native or similar technology |  |
| 5+ years of proven development/technology sector experience |  |
| Extensive Knowledge of both iOS / Android ecosystem |  |
| Experience in cross-platform development ie: (Ionic, React-Native, Flutter or Xamarin) |  |
| Knowledge of Kotlin, Jetpack, Android SDK, Gradle, Android Studio, different versions of Android, etc |  |
| Experience with Test Driven Development, automated unit testing. |  |
| Knowledge of iOS build systems ( Xcode, Fastlane, etc) |  |
| Knowledge of the Android build system(Gradle, Maven, etc) |  |
| A proven track record of building and deploying enterprise applications. |  |
| A proven track record of building modular, reusable, and tested code. |  |
| Skilled at working effectively with cross-functional teams in an Agile environment. |  |
| Strong problem-solving skills and willingness to roll up one's sleeves to get the job. | **I have been in different scenarios where I have to think outside the box to get solution to a feature that a web page needs to carry out its functionalities effectively.** |
| Excellent communication skills and problem-solving | **I have a good communication skills and can relate well with clients and team members.** |

**Section 3: Programming Skills**

Please share with us links to some of your software development work that is in public domain. Github, Stackoverflow, Hackerrank and similar are acceptable.

<https://github.com/Chosen2730>

<https://simonir.netlify.app/>

Our objective is to assess the quality of your code. Should you not have anything available in the public domain, we will have to give you a programming test.

**I AM AVAILABLE TO TAKE PROGRAMMING TEST IN MY FIELD OF EXPERTISE**