**1. Interview Questions.**

1.How many years of experience.

2.Have you worked with OOP (Object oriented Programming)

This is a programming technique that deals with use of objects

**Pros**

1. makes code reusable and reliable
2. Easier to maintain
3. faster development

3.Which languages have you worked with.

PHP,Angular,Ionic,HTML5,CSS3,Mysql,Android Java,Python

4.Which frameworks have you worked with.

Laravel,Wordpress – PHP

Cordova,Rxjava,angular,ionic,vuejs – Mobile e.t.c

**2. Backend Questions**

A.) How would you handle intensive processess

through queues and jobs, cron jobs

B.) What databases technologies and techniques do you use for database management

- DBMS and relational databases – mysql,mongo db,postgresql

- DB Normalization

C.) How do you handle errors

try and catch

D.) Have you created an api based project.Explain

GET,POST,Requests,Responses()JSONs,endpoints

E.) How do you handle authenticataion for apis

basic auth or jwt

F.) How do you handle requests on your localhost to an api based frontend

using CORS

E.) How do you test apis,like what programs do you use to test

Postman

3. Mobile App Questions

1.Have you made any mobile applications

2.Using which language,

swift,java android,kotlin,hybrid(ionic,angular 2-7,react,vuejs)

3.Are they online,have you deployed,where?Explain process

Google playstore

Apple store

**4. Testing and Debugging Questions**

1. Which types of tests have you done

1. Unit Testing – per functionality

2. Automation testing – per complete process using emulators

3.Pilot testing – using actual consumers

2. How do you debug your applications web and mobile

Logcat or adb debugger – android

inspect - web

**5. Code Version control**

1. What do you know about containers or docker

- **Docker** is a tool designed to make it easier to create, deploy, and run applications by using containers.

- **Containers** allow a developer to package up an application with all of the parts it needs, such as libraries and other dependencies, and ship it all out as one package.

2. What are the resources necessary to consider when setting up a server

Ram,CPU,hard disk

3. How can you tell your server is running or not

ping your-server-ip or telnet – if packets are sent its on

4. How can you view your server resources to tell which are require upgrades.

run command df on server terminal

5. What host have you deployed any project with

nginx,apache

6. Where are server logs placed.

/var/log/nginx or /var/log/apache

**6. Code Version control**

1. How do you do version control

Git

2. Have you worked with branches.

Yes

3. How do you merge between branches.

Git merge from-branch to-branch

**7. Ask for development a simple project that expects requests and responses.**

1. Simple app with authentication and a page that sends simple data to an api

2. Simple backend to handle requests from the application with authenticated and unauthorized requests.

Be keen on the requests and responses.

3. Add this project to github