

Mohamed Hazem Ebrahim | Android Developer

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Android Developer

Android developer with

- +2 years in developing android Apps with java programming language
- +1 year in developing android apps with kotlin programming language
- +0.5 year in developing android apps with java and kotlin together
- +0.3 years in developing android apps with Dart language in flutter platform <Still learning>
- +1 year working with API's in android development
- +.4 year in Developing API's with PHP and LoopBack

IT/Technical skills

- | | | |
|------------------|-------------------|--------------|
| ➤ Network design | ➤ JavaFX | ➤ HTML – CSS |
| ➤ CCNA | ➤ Java | ➤ PHP |
| ➤ CCNA Voice | ➤ Kotlin | ➤ JavaScript |
| ➤ CCNP | ➤ Android | ➤ JSON |
| ➤ CEH v8 | ➤ Dart | ➤ C # |
| ➤ Security + | ➤ Flutter | ➤ C++ |
| ➤ Python | ➤ Swift | ➤ SQL |
| ➤ Git | ➤ XML – FXML | ➤ MySQL |
| ➤ Trello | ➤ LoopBack js API | ➤ SQLite |
| | | ➤ MongoDB |

Operating Systems

- | | | |
|----------------|----------------------|----------------|
| ➤ Windows | ➤ Mac OS X | ➤ Linux Ubuntu |
| ➤ Linux Fedora | ➤ Linux centos | ➤ Linux Debian |
| ➤ Kali Linux | ➤ Parrot Security OS | ➤ cyborg Linux |

Placements and projects

- | | | |
|-----------------------------|------------------------|-------------------|
| ➤ Android Online Market App | ➤ Social Media Network | ➤ Camera Lock app |
| ➤ Cat Fashion Show | ➤ Space Background | ➤ Zoo animals app |
| ➤ Food app | ➤ Find My Age | ➤ Tic Tac Toy |
| ➤ Kids Story | ➤ Earthquake | ➤ Gen Story |
| ➤ Sendpad Stories | | |

Des,2018 – tell now **Project/AndroidOnlineMarketApp** **Project languages/** java- JavaScript

Project technologies/

- | | | |
|-------------------|------------|-------------|
| ❖ LoopBack JS API | ❖ MongoDB | ❖ firebase |
| ❖ Volley | ❖ Picasso | ❖ Moshi |
| ❖ GifLoadingView | ❖ MissView | ❖ MatchView |

Project Team Size: 1

Outline

This app view products from online Database Allow users to buy products from it

Key responsibilities

- Design Database Structure
- Build the Database <MongoDB - Firebase Storage >
- Build the API <LoopBack>
- Test The API and Database
- Design the Clint Side Application < Android (java) >
- Create the network part with <Volley-Picasso -GSON> libs
- Finish the application
- Test the application

Key achievements

- Design Database Structure

Key Purpose

- Create Online Database <MongoDB>
- Create Application Programming Interface (API) with **LoopBack** js
- Store Media files in **Firestore** and Link it with MongoDB
- Create Clint Side Android and access data via API using several libs
- Handel the Network Query with Volley and Picassos

Des,2018 – tell now **Project/SocialMediaNetwork** **Project language/** java-Kotlin-PHP-SQL

Project technologies/

- | | | |
|------------------|---------|------------|
| ❖ PHP OOP API | ❖ MySQL | ❖ firebase |
| ❖ Volley | ❖ Glide | ❖ Moshi |
| ❖ GifLoadingView | | |

Project Team Size: 1

Outline

Online social medial app specialized in sharing ideas between users

Key responsibilities

- Design Database Structure
- Build the Database < MySQL - Firebase Storage>
- Build the API <PHP OOP>
- Test The API and Database
- Design the Clint Side Application < Android (**java & Kotlin**) side by side >
- Create the network part with <Volley-Glide- GSON > libs
- Finish the application
- Test the application

Key achievements

- Design Database Structure
- Build the Database <MySQL - Firebase Storage>
- Build the API <PHP>
- Test The API and Database

- Design the Client Side Application < Android (java-Kotlin) side by side >
- Create the network part with <Volley-Glide- GSON > libs

Key Purpose

- Create Online Database <MySQL>
- Create Application Programming Interface (API) with **PHP**
- Store Media files in **Firestore** and Link it with MySQL
- Create Client Side Android and access data via API using several libs
- Handle the Network Query with Volley and Glide

Nov, 2018 - Nov, 2018 Project/ Camera Lock app Project language/ java
Project Team Size: 1

Outline

Prevent any one to use camera except the phone owner
 And prevent any website from using the camera

Key responsibilities

- Design The Application Icons with {Photoshop , illustrator}
- Build the layout
- Build the permission manager
- Create permission life cycle
- Finish the Navigation drawer part
- Finish the App
- Test The App

Key achievements

- Design The Application Icons with {Photoshop , illustrator}
- Build the layout
- Build the permission manager
- Create permission life cycle
- Finish the Navigation drawer part
- Finish the App
- Test The App

Key Purpose

- Prevent Hacker from using the mobile camera via website with JavaScript or Python code
- Treatment with permission life cycle
- Store the user desire (turn the camera <on or off>) in shared preference
- Use services to active the app when the phone turn on after <Restart or Power_Off>

Outline

wallpaper application that allows you to shoes image of 100th of image-s and put it as background

Key responsibilities

- Design The Application Icons with {Photoshop , illustrator}
- Build the layout
- Create the resources files
- Finish the App
- Test The App

Key achievements

- Design The Application Icons with {Photoshop , illustrator}
- Build the layout
- Create the resources files
- Finish the App
- Test The App

Key Purpose

- Treatment with images that have high resolution and view it without using high resources
- Download images form online resource and view it in android app
- Make the image background
- Use animation to animate the images and buttons

Outline

wallpaper application that allows you to shoes image of 100th of image-s and put it as background

Key responsibilities

- Design The Application Icons with {Photoshop , illustrator}
- Build the layout
- Create the resources files
- Finish the App
- Test The App

Key achievements

- Design The Application Icons with {Photoshop , illustrator}
- Build the layout
- Create the resources files
- Finish the App
- Test The App

Key Purpose

- Treatment with images that have high resolution and view it without using high resources
- Download images form online resource and view it in android app
- Make the image background
- Use animation to animate the images and buttons

Oct, 2018 - Oct, 2018 **Project/** Zoo animals app **Project language/** java
Project Team Size: 1

Outline

An education app to children's

Key responsibilities

- Design The Application Icons with {Photoshop , illustrator}
- Build the layout
- Create the resources files
- Create the listView
- Finish the App
- Test The App

Key achievements

- Design The Application Icons with {Photoshop , illustrator}
- Build the layout
- Create the resources files
- Create the listView
- Finish the App
- Test The App

Key Purpose

- Learn the children's the zoo animals
- Treatment with images that have high resolution and view it without using high resources
- Treatment with listView
- Use animation to animate the list items

July, 2018 - July, 2018 **Project/** Food app **Project language/** java
Project Team Size: 1

Outline

An education app to Women's

Key responsibilities

- Design The Application Icons with {Photoshop , illustrator}
- Build the layout
- Create the resources files
- Create the listView
- Build the Ads Engen
- Finish the App
- Test The App

Key achievements

- Design The Application Icons with {Photoshop , illustrator}
- Build the layout
- Create the resources files
- Create the listView
- Build the Ads Engen
- Finish the App
- Test The App

Key Purpose

- Learn the Women's to cook and Display special ads
- Treatment with images that have high resolution and view it without using high resources
- Treatment with listView
- Use animation to animate the list items
- View Ads in special List items and display it In the list view

May, 2018 - May, 2018 Project/ Find My Age Project language/Kotlin
Project Team Size: 1

Outline

Display your age depends on your Birth Day

Key responsibilities

- Design The Application Icons with { Photoshop , illustrator }
- Build the layout
- Create the resources files
- Finish the App
- Test The App

Key achievements

- Design The Application Icons with { Photoshop , illustrator }
- Build the layout
- Create the resources files
- Finish the App
- Test The App

Key Purpose

- Calculate the Age with a simple way
- Use animation to animate the buttons and texts

March, 2018 - March, 2018 Project/ TicTacToy Project language/Kotlin
Project Team Size: 1

Outline

TicTacToy Game

Key responsibilities

- Design The Application Icons with { illustrator }
- Build the layout
- Create the resources files
- Finish the App
- Test The App

Key achievements

- Design The Application Icons with { illustrator }
- Build the layout
- Create the resources files
- Finish the App
- Test The App

Key Purpose

- Create an app that think like a man and play with you
- Preview Large image quality without using high resources to process
- Use animation to animate the buttons and texts

Jan, 2018 - Jan, 2018 **Project/ Kids Story** **Project language/Java-HTML-CSS**
Project Team Size: 1

Outline

Stories for kids

Key responsibilities

- Design The Application Icons with {Photoshop}
- Build the layout
- Create the resources files
- Create the ListView and the list items
- Create the Stories **.HTML** files
- Link the HTML with Java
- Create Custom Ads on the < ListView - ActionBar >
- Create Animation files
- Finish the App
- Test The App

Key achievements

- Design The Application Icons with {Photoshop}
- Build the layout
- Create the resources files
- Create the ListView and the list items
- Create the Stories **.HTML** files
- Link the HTML with Java
- Create Custom Ads on the < ListView - ActionBar >
- Create Animation files
- Finish the App
- Test The App

Key Purpose

- Create android app and link it with HTML & CSS websites
- Create custom ads in listview
- Create custom ads in ActionBar
- Use animation to animate the buttons and texts and Adds

Nov,2017 – Des,2017 **Project/ Earthquake** **Project language/ java**
Project Team Size: 1

Outline

Application collect the Earthquake information via API

Key responsibilities

- Get the API
- Test The API
- Design the Clint Side Application Android
- Create the network part with <Volley-Glide> libs

- Finish the application
- Test the application

Key achievements

- Get the API
- Test The API
- Design the Clint Side Application Android
- Create the network part with <Volley-Glide> libs
- Finish the application
- Test the application

Key Purpose

- Treatment with the API
- Create Clint Side Android and access data via API using several libs
- Handel the Network Query with Volley and Glide
- Use The Animation to animate the Earthquake List

**Nov, 2017 - Nov, 2017 Project/ Gen Story Project language/Java-HTML-CSS
Project Team Size: 1**

Outline

Stories about Gen and the underground world

Key responsibilities

- Design The Application Icons with {Photoshop}
- Build the layout
- Create the resources files
- Create the ListView and the list items
- Create the Stories **.HTML** files
- Link the HTML with Java
- Create Custom Ads on the < ListView - ActionBar >
- Create Animation files
- Finish the App
- Test The App

Key achievements

- Design The Application Icons with {Photoshop}
- Build the layout
- Create the resources files
- Create the ListView and the list items
- Create the Stories **.HTML** files
- Link the HTML with Java
- Create Custom Ads on the < ListView - ActionBar >
- Create Animation files
- Finish the App
- Test The App

Key Purpose

- Create android app and link it with HTML & CSS websites
- Create custom ads in listview
- Create custom ads in ActionBar
- Use animation to animate the buttons and texts and Adds

**Oct, 2017 - Oct, 2017 Project/ Sendpad Stories Project language/Java
Project Team Size: 1**

Outline

Stories for Lovers

Key responsibilities

- Design The Application Icons with {Photoshop}
- Build the layout
- Create the resources files
- Create the ListView and the list items
- Create Custom Ads on the < ListView - >
- Create Animation files
- Finish the App
- Test The App

Key achievements

- Design The Application Icons with {Photoshop}
- Build the layout
- Create the resources files
- Create the ListView and the list items
- Create Custom Ads on the < ListView - >
- Create Animation files
- Finish the App
- Test The App

Key Purpose

- Create custom ads in listview
- Use animation to animate the buttons and texts and Adds

Education and qualifications

- **Cyber Security for Small and Medium Enterprises**– DEAKIN UNIVERSITY - Des,2019
- **PHP**- SOLOLEARN – Oct,2018
- **Android Development** – 1Millon Arab Coders Initiative – Aug,2018
- **JavaScript** – SOLOLEARN – May,2017
- **HTML** - SOLOLEARN -March,2017
- **Python** - SOLOLEARN -March,2017
- **C#** - SOLOLEARN -Jan,2017
- **SQL** - SOLOLEARN -Jan,2017
- **Java** - SOLOLEARN -Des,2016
- **CCNP** – Mansoura University . Faculty of Engineering - Des,2016
- **CCNA** – Mansoura University . Faculty of Engineering - Sep,2016

Languages

- **Arabic**
- **English**
- **German**

Hoppy

- **Learning**
- **Reading**
- **Drawing**