

Reece Baptie

Software Developer



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LinkedIn



GitHub



Portfolio

Durban,

KZN,

South Africa.

I am a software developer who has a passion for:
Android and mobile development.
Windows desktop applications.
Advanced database concepts.

Skills

Programming Languages:

Java, C#, SQL, Angular, JavaScript
(CSS, HTML)

Data Technology:

MySQL, MS SQL server, Oracle,
Google Firebase, Mongo DB

Operating System:

Windows, OSX, Android OS,
Windows phone

Frameworks:

.NET, Android

IDE:

Android Studio, Visual Studio,
Visual Studio Code, NetBeans

Version Control:

Git, GitHub

Architecture Patterns:

Agile , N-Tier, Layered

Design Patterns:

OOP, Singleton, Waterfall

Data Structures:

OO-List, Stack, Queue, LinkedList,
non-Generic Collections

Other Tools:

AdobeXD, MS Office

Projects

Online Multiple-Choice Quiz

Created a C# .NET desktop windows form app as well as an online MVC app using OOP in Visual Studio, which allowed a lecturer to login using MVC & SQL to store user authentication, they can make an MCQ (Multiple Choice Quiz) and save the MCQ to a SQL DB and store it on a Microsoft Azure Online Web Server.

Students can login to the online app and take MCQ online or by using desktop app, by retrieving a MCQ (if available) from a azure SQL DB. Students test results are store in a SQL DB on azure.

Lectures can retrieve marks from an azure SQL DB and view class marks and perform basic data manipulation.

🔗 Transport Assistant Android App

Transport Assistant gives the users Real time GPS tracking and Real time traffic and other road incidents notifications to navigate in over 200 countries worldwide with turn by turn voice navigation powered by MapBox, with an easy to use user interface includes dark mode, users will feel comfortable from the word go.

🔗 Goal Pro Android App

Created an Android Mobile application for non-profit organisation Goal Pro. The application is for students to set and achieve their goals in a fun environment with gamification. User can keep track of their to-do list as well as upload document and images about their schooling careers.

🔗 Flappy Bird Game

Created an Android Mobile Game in Java.

The objective of the game is to get the highest score possible.

To gain score the bird (using bitmap) must catch a blue ball for 10 points and a gold ball for 100 points the balls move using the coordinates, the bird has 3 lives and must avoid losing lives but avoiding the black balls.

The bird can regain lives by catching the unicorn.

The background changes each level (using canvas)

Work Experience

Clifton School

Durban, KZN (2015 - 2019)

Coach, School

- Coached boys aged from 8 – 13 (junior school) in Cricket, Rugby and Hockey
- Coached boys aged 14 – 18 (high school) in Hockey
- Team management and preparing practice sessions is highly important
- Team selection (Dropping players and bring others into a higher team) requires good communication with players and giving them clear reasoning and improvement pointers

Education

Clifton College

- Bachelor's Degree

Varsity College

- Bachelor of Computer Science in Application Development