

# Palasetty Ram Nikhil

Portfolio: <https://www.coroflot.com/RamNikhilPalasetty>

**Certified Google Data Analytics Professional**

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## About Me

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I am a self-learned person who made a few games, android applications, and a voice assistant from the available resources on the internet and most important thing I am an enthusiastic and quick learner and even worked on Data Analysing and visualising by tools which are available on the internet. I gained knowledge on Algorithms (Pathfinding algorithm) and design patterns (MVC, MVVM, Singleton). In addition, I had working experience on data structures (Queue, Stack, etc)

## WORK EXPERIENCE

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### **Fluent grid – Visakhapatnam, India**

*April 2021 – Dec 2021*

#### *Mobile App developer*

- Worked on UPPCL Bijli App for consumers of Uttar Pradesh Power Corporation Limited of MVVNL, PVVNL, DVVNL and PUVVNL DISCOMs.
- Worked on the RAPDRP project in enhancing the product.
- Languages used- JAVA, Java script, HTML and CSS
- Frameworks used are CORDOVA.
- Tools: Android Studio.

### **KVS Infotech – Visakhapatnam, India**

*Jan 2019 – Dec 2020*

#### *Android and Mobile Game developer*

#### *Android Developer*

- Developed an existing android app using MVC Design Pattern for a school based on quiz with a backend database. I took the responsibility of development, UI/UX design, and testing of the application manually.
- I have developed an online vehicle tracking application using the services of Google maps API.
- Languages used – Java, XML for UI/UX support and SQL for backend.
- Tools: Android studio

#### *Mobile Game Developer*

- I have been involved in developing casual games for mobile using Unity Engine.
- I have been developing the game in a more efficient way and improved performance.
- I have developed an AR greeting card using Unity Engine.
- I took the designing part of game design, level design, and gameplay mechanics.
- Languages used – C#
- Tools: Unity Engine, photoshop and blender.

## MY ACCOMPLISHMENTS

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**Baby Doll** (Offline Voice assistant) - An application designed with the inspiration of Cortana, Siri.

- It uses Queue Data structures in response. (FIFO)
- It is a small virtual offline voice assistant which follows your instructions.
- Every instruction is pre-defined and works well with Windows 10.
- It defaults to system voices which are used for Cortana.
- I have developed it with the help and resources available on the internet.
- I have been focused to make sure it works offline for common commands.
- The data gets from the default paths of the system path.
- We can even control our system with our voice for locking, restarting, and shutdown.

**Programming Language: C#**

**Tools used: speech recognition(package), .net and Visual studio**

**Extraction of Data**(college Project) - Designed using R -programming language.

- It is a data mining process where we extract the data from social media platforms like Twitter, Facebook.
- It uses Stack Data Structure. (FILO)
- This project gives Information about a huge amount of data given by users all around the world.
- This is used in Major sources of abundant data like Business, Science, Society, and everyone.
- My role is doing research on the project and code development.
- I have also taken part in UI, backend functioning and all other details which are required for the project.
- We used twitter API's to extract data from Twitter through our project.

**Programming Language: R**

**Tools: R studio**

**Packages: Rcurl, Shiny Package**

**Banking Loan App** (Android) - Designed as a freelancer person.

- Developed using MVC pattern for data processing.
- The core function of project is to make consumers to access the college loan through the app
- I have used the WebView function to replicate a website into a mobile app.
- I have also implemented the DB in the app which can be exported, imported, and updated through the app.
- I have used hard coded images to improve performance of the app.
- Results can be viewed directly from the app by using PDF (Portable Document Format) Viewer plugin.

**Programming Language: Java, SQL, XML**

**Tools used: Android studio**

**College WebView App** (Android) - Designed as a freelancer person.

- Developed using MVC pattern.
- The core function of the project is to make students accessible to the college website and students' portal.
- I have used the WebView function to replicate a website into a mobile app.
- I have also implemented third party sites like results (government portal) and jobs Portal.
- I have also added intern applications which are requested by the client.
- I have made sure that images are scaled according to mobile screens.
- Results can be viewed directly from the app by using the PDF Viewer plugin.

**Programming Language: Java, XML**

**Tools: Android studio**

**Android Games:**

**Tappo**

**Tiny Twins**

**Flicka**

**Fun Punch. !Q**

**Browser/other games.**

**Floopy Nightmares**

**Fellow Flaps**

**Depiction**

**Programming Language: C#, Blueprints**

Tools used: Photoshop, blender, Unity and Unreal

## Skills

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### Programming

Java

C#

JavaScript

R programming

SQL

Python

XML

Standard - Testing, Analysing, Data Cleaning, Problem solving, Leadership, Research.

### Non-programming

Ms- Excel and Google Spreadsheets

Android Studio

[Tableau](#)

EDHI HQ - Tool work

Photoshop

R Studio

## EDUCATION

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### **New Jersey Institute of Technology- Newark, USA**

Masters-Data Science (Pursuing)

### **KIET Group of institutions – Kakinada, India**

Bachelor of Technology, Computer Science

### **Sri Gayatri Education of Institution's. - Visakhapatnam, India**

-High School

### **Little Angels High school - Visakhapatnam, India**

-Schooling

## ADDITIONAL

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**Achievements:** Certified Google Data Analytics Specialisation. ([certificate link](#))

**certifications** All India 4th place for a game design (Event conducted by IGS for the game Depiction)

**Certified in JAVA** (Certified by NATIONAL INSTITUTE OF INFORMATION TECHNOLOGY)

**IBM WATSON workshop**

**Indian Game Development** (Participated in Two months of IGDC program and certified by KAMAK university)

**An article was published in the state Telugu newspaper about our works and achievements.**

**An active member of the Kaggle community.**

**Languages:** English, Hindi, and Telugu

## DECLARATION

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I hereby declare that all the above information is correct and accurate to best of my knowledge.

- Palasetty Ram Nikhil