**CHANDAN. S**

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**Technical Skill Summary:**

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| --- | --- |
| **Programming Languages** | Java8 with OOPS and Collections |
| **IDE’s** | IntelliJ IDEA 2018.2.4, Android Studio 3.3.1 |
| **Databases & Datawarehouse** | MySQL, Hive |
| **Frameworks** | Apache Hadoop 2.7.3, Apache Spark 2.2 |
| **Hadoop Cluster Management Tool** | Apache Ambari |
| **Hadoop Distributions** | Hortonworks 2.9 |
| **Source control & Build Tools** | Git, GitHub, |
| **Text operations tools** | RegEx using Java, grep, sed, awk, find |
| **Web service API** | REST API, Webhdfs |
| **Command Line Tool** | Curl. wget |

**Professional Summary:**

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| **From** | **To** | **Company** |
| Dec 2016 | May 2018 | BizApps |

**BizApps**

Android Developer

Dec 2016 – May 2018

* 1.6 years of experience as **Android developer** at Bizapps Software Bangalore.
* Good Knowledge on Components of Android.
* Worked with Android Activity Life Cycle, Android adapter, Views, View Groups, Menus and Intent.
* Worked with Storage Mechanisms like Shared preferences, SQLite database.
* Worked with Fragments, Web Services (JSON, Gson parsing).
* Worked with Material Design (Card view, Recycler view).

**Project Title**: **Medico4Us**

Role: Developer

Technologies: Java, XML and Android

Team Size: 3

**Description**: The project “Medico4Us” is a mobile application developed using Android and java. This app helps patients to find the best doctors and hospitals, so that they can make better healthcare decisions. It also enables communication between patients and doctors seamlessly. A patient can view doctor's profile, fee structure, check his availability and book appointments.

**Responsibilities:**

* Involved in designing screens and helping team members to use Relative Layouts to avoid deep hierarchy of views.
* Talk with our back-end team to discuss structure of API’S.
* Bug fixing.

**Project Title: Quick Info**

Role: Developer

Technologies: Java, XML and Android.

Team Size: 3

**Description**: The main intention of Quick Info is to get relevant answers to the questions through our mobile contacts. Our app is based on the assumption that the answer provided by people is more useful and important than the answers Google gets by searching the web pages.

**Responsibilities:**

* Involved in designing screens and helping team members to use Constraint Layouts to avoid deep hierarchy of views.
* Improving application performance, optimization for loading times.
* Bug fixing.

**Academic details: B.E (EC)**

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| **Examination** | **Board/ University** | **Institution** | **Year of passing** | **% obtained** | **Class** |
| BE(EC) | VTU, Belgaum | G Madegowda Institute of Technology ,K.M.Doddi | 2016 | 60 | First Class |
| 12th | Karnataka PU Board | Alvas PU Collage, Moodbidre | 2012 | 73 | First Class |
| 10th | State | Christa Raja School | 2010 | 74 | First Class |

**Achievements:**

* Actively participated in hospital service camps, Village Sanitation, Blood donation, Eye donation and Literacy camps.
* Class representative for Four academic years in a row and I was unanimously chosen.
* Certified by presenting our project paper to **Secure Electronics Health Records Using Partial Encryption Scheme** in 2016 held at G. Madegowda Institute of Technology (GMIT).

**Certification and Programs:**

* Certified by presenting our project paper to **Secure Electronics Health Records Using Partial Encryption Scheme** in 2016 held at G. Madegowda Institute of Technology (GMIT).
* Completed certification course in Big Data, Java, Hadoop, Spark, Hive under **Ignite Program** at SanKir Technologies Pvt. Ltd., Bengaluru.

**Projects executed at SanKir Technologies**

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|  | **IMDB Data Set** | **Weather Data Set** | **Suicide Rates Overview 1985 to 2016** |
| **Data Set Volume** | 2000 records | 420552 records | 27800 records |
| **Transformations** | * MapReduce using Java | * MapReduce, Hive | * Spark using Java |
| **Business Insights** | * Famous movie based on rating voting Only Movies which have voting greater than 50,000 are considered. | * Maximum temperature recorded in 7 years. * Find the max temperature recorded every year. * Year having highest relative humidity * Days which are having relative humidity > 96% * Min temperature in a day where pressure is greater than 1 bar. | * Gender which is more suicidal. * Age group which is more suicidal. * Which country has the highest suicide rate/100,000 population. * Top ten suicidal countries - Take Population into account. |

**Academic Project**

G. Madegowda Institute of Technology (GMIT) – 2016

**Title:” To Secure Electronics Health Records Using Partial Encryption Scheme”**

**Software:** Mat lab**.**

**Description:**

The concept is to encrypt only the alphabets on MRI image, leaving the unimportant part remains as original. This can be done by dividing the original image into sub images. In this case there are eight sub blocks. Subsequently, each of sub-blocks is separated into three red, green, and blue components. Each color component is separated into eight bit which is arranged into other eight binary images, represented by bits 0 and 1. The diffusion process is achieved by the XOR operation which is simple, but o high diffusion performances with no bit loss.

**Conclusion:**

Encryption qualitative performances are evaluated through pixel density histograms, 2-dimensional power spectral density, and vertical, horizontal.

**Hobbies and Interest: -**

I enjoy travelling and I would like to have a world tour in my life time. I also enjoy playing Chess. I like to relax by listening to soothing music. Later Involved in raising money for charity events.