

Name: Rachamallu Karthik
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Career Objective:

To obtain a challenging and responsible position in the area of software development where my knowledge, ability and dedication will be utilized.

ACADEMIC QUALIFICATION

MCA | SRI VENKATESWARA COLLEGE OF ENGINEERING - TIRUPATI
2021 – 2023
80.87%

B.COM (COMPUTER APPLICATIONS) | SRI CHAITANYA DEGREE COLLEGE – KAVALI
2018 – 2021
76.76%

12 th | SAI CO-OPERATIVE JUNIOR COLLEGE – KAVALI
2016 – 2018
62.4% in state board exam

10 th | GITANJALI ENGLISH MEDIUM SCHOOL – KAVALI
2016
78.85%

IT PROFICIENCY:

I Have undergone Software Development Training in **Besant technologies BTM**.

Technical Skills:

SOL (STRUCTURED QUERY LANGUAGE)

- Good understanding of **RDBMS** concepts like Constraints, Normalization, Tables etc.
- Excellent Knowledge of writing **SQL Queries**.
- Good understanding of SQL concepts like **Grouping, Sub-queries, Functions** etc.
- Solid understand of SQL **Joins** (Inner joins, Left join and Right joins and Full joins).
- Good knowledge of **DDL, DML** and **TCL**.

JAVA PROGRAMMING

CORE JAVA

- Good knowledge on **Object Oriented Programming (OOPS)** concepts .
- Very good at Understanding **Inheritance & Polymorphism**.
- Having very good Knowledge in **Object Class, String Class**.
- Very good Knowledge on **Abstraction, Encapsulation**.
- Very good knowledge on **Up casting and Down Casting**.
- Good Knowledge on **Constructors and Interface**.
- Very good at Understanding **Method Overloading and Method Overriding**.
- Very good at Understanding **Constructor Overloading and Constructor Overriding**.
- Good Knowledge on **Arrays, Collection like List & Set and Generics**.
- Good Knowledge on **Exception Handling, File Handling**.

WEB TECHNOLOGY

- Good knowledge of the HTML language with CSS and JAVASCRIPT.

SOFTWARE / TOOLS USED.

- Databases: Oracle SQL*Plus Version 10g / 11g / 12c.
- Java: Notepad, Visual Studio Code.
- Html, CSS: Visual Studio Code.
- Operating Systems: Windows 7 / 8 / 10 / 11.

PROJECT

- **Design of Hybrid Cryptography System Based on Vigenère Cipher and Polybius Cipher**

The method employs use of both Vigenère Cipher and Polybius Square Cipher in its encryption process. Message and the key are given to the Vigenère cipher and the cipher text is in return given to Polybius cipher. This process will reverse at the receiver side first the Polybius cipher is executed and then the Vigenère cipher. The modified hybrid of Polybius cipher and Vigenère cipher program software give outputs that show the difficulty of breaking the cipher text.

modules used in this project : Vigenère Square table, Polybius Cipher grid, Encryption, Decryption, Alphabet, Key.

STRENGTHS:

- I can take good decisions in critical situation.
- Teamwork.
- Listening skills.

PERSONAL DETAILS

Father Name: RACHAMALLU NAGARAJU

Mother Name: RACHAMALLU PUSHPALATHA

Permanent Address: D.NO:11-33-991/1 ,Vengala Rao Nagar, Kavali,524201,AP.

Date of Birth: 05-06-2000.

Nationality/Religion: Indian/Hindu.

Interest & Hobbies: Editing photos and videos & playing cricket and Listening music..

Declaration

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

DATE:

RACHAMALLU KARTHIK

Place: BANGLORE