Aditya Kumar

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Career Objective

Enthusiastic Computer Science graduate with a strong interest in manual testing. Eager to apply foundational knowledge of manual testing to ensure software reliability.

Education

LNCT University **2020 – 2024**
Bachelor of Technology *cgpa : 8.78*

A N College **2018-2020**
Intermediate *67%*

St. John's Residential Pub School **2018**
Matriculation *75%*

Technical Skills

Manual Testing : Black Box Testing, Defect Life Cycle, STLC, Test Cases
Database : MySQL
Testing Tool: Fireflink
Developer Tools : Eclipse, IntelliJ IDEA,

Projects

ATM Simulator | *Java, Swing, AWT and MySQL* **GitHub**

- Designed and implemented an ATM simulator with **GUI** to perform basic banking operations such as balance inquiry, cash withdrawal, deposit, and account management.
- Integrated the front-end with **MySQL** to provide real-time updates and validation for banking transactions.
- Implemented **error handling** and validation mechanisms to prevent invalid inputs and ensure smooth operation.

Matching Card | *Java, Swing, AWT* **GitHub**

- Developed a matching card game, a type of puzzle game where players are presented with a set of cards that are placed face down.
- The goal of the game is to find and match pairs of cards by flipping them over two at a time.If they match, keep them face up otherwise, flip them back after a **short delay**. The player must remember the positions of previously revealed cards to make successful matches.
- It is a grid-based game layout using **GridLayout** for seamless card arrangement and user interaction.
- Integrated a custom **shuffle algorithm** to randomize card placement and ensure fairness in gameplay.
- Implemented card-flipping mechanics and matching logic with event-driven programming using **ActionListener**.

Achievement

Hackathon Winner, Kavach 2023 **August 2023**

- Collaborated with a team of 6 members to develop an application that decrypt chats from messaging app like WeChat and DingTalk.
- The WeChat database password is generated by concatenating the **IMEI number** and **WeChat uin**, and encrypting it with **MD5** to obtain a 32-bit lowercase password. The first 7 characters are used as the password.
- Once the encrypted key is extracted, we decrypted the EnMicroMsg.db file by opening it in an SQLite browser that support encrypted database.

Interests

Book-Reading Animation Cooking