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EDUCATION

- Currently pursuing **M**aster of **C**omputer **A**pplications in Dr. Mahalingam college of Engineering and Technology
- Completed **B**achelor of **C**omputer **A**pplications in the year of 2022 with an aggregate of 79%
- Completed HSC, 11th and SSLC in the years of 2019, 2018, 2017 respectively with an aggregate of 69%, 77%, 96%

SKILLS

- Java, Python
- HTML, CSS
- SQL
- C

TOOLS

- VS Code, PyCharm, Eclipse, NetBeans
- Arduino IDE
- MySQL workbench

INTERESTS

- Classical Dancing
- Drawing

DIALECTS

- Tamil (Read, Write, Speak)
- English (Read, Write, Speak)
- Hindi (Speak)

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OBJECTIVE

To work in an organization which provides me with ample opportunities to enhance my skills and knowledge along with contributing to the growth of the organization

PROJECTS

Password manager GUI
This application helps users to securely store and manage the passwords for various websites, applications, and services. It allows users to create complex, unique passwords for each account without the need to remember them all, as the user only need to remember one master password to access the password manager. This reduces the risk of password reuse, which is a common security vulnerability that can compromise the user online accounts.

Languages Used – Python, tkinter module
Technical details

- Added password generation logic to generate passwords with high complexity
- Passwords are stored in json file
- Added graphical user interface using tkinter module for better user experience
- Added Error handling methods to catch the errors

Water level monitoring system using IoT
Developed an IoT hardware project that utilizes Arduino as the processing unit. The project involves creating a network of physical devices embedded with sensors, software and connectivity to monitor water level in a tank. It uses a float switch sensor to determine the tank capacity and the SIM800L GSM Module to send the SMS notifications
Languages Used – C
Technical details

- Program is written with the logic to monitor the water level and to connect the Arduino digital pin & analog pin to the Motor, LED, Sensor and the GSM
- Embedded the programs to the Arduino board using the Arduino IDE upload

ACHIEVEMENTS

- Obtained **SQL intermediate certificate** in 2023 from the Hacker rank website
- Won **2nd prize in Tech quiz** in "Kaiser – a national level technical symposium" conducted by Hindustan college of Engineering and technology
- Received 2 star on **Java** and **SQL** from the Hacker rank website
- Received **Star student of the year** in 2022 from the UG college for the excellent academic performance