# HANJARY PAVAN

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### **Personal Profile**

I am currently in year 3 of my BSc Hons Computer Science (Systems Engineering) degree and I am a high achieving, hardworking and eager to learn individual with past work experience in the form of internships. As a passionate of coding and developing new projects, I would like to broaden my knowledge and continue my professional life in the Development field.

#### **Skills & abilities**

#### Technical skills

**Programing languages:** C, C#, C++, Python, JavaScript, HTML, CSS, Bash, SQL, XML.

**Tools:** PyCharm, Icinga2, Nginx, Proxmox, Grafana, Visual Studio Code, MariaDB, Catch2, MongoDB, YOLO.

**Frameworks**: LEMP stack, Node.js, Bootstrap, jQuery, Express, Vue.js, MEVN stack, React.js.

Operating Systems: Windows, Linux (Debian, Ubuntu and Raspbian).

## Coursework:

- Bus Tracking system in C++ using data structures and algorithms.
- Website for shopping food items.
- Al model to detect UNO cards.
- Coding Robotic arm to arrange food items.
- Posture analysis gym robot.
- Library system to manage books in C++.
- Food blog social networking website using HTML, CSS, JavaScript, Node.js and MongoDB.
- Memory Card Game website using HTML, CSS and JavaScript.
- Cryptocurrency trading platform using python.
- Calculator using python.
- Dice game using C.
- Other skills Library system to manage books in C++.

Languages: English, French, Hindi, Mauritian Creole.

## Work Experience

# Dayforce

# Software Developer Intern | June 2024 - September 2024

• Development of a windows application which was an automation testing tool to facilitate the building and running of test cases through an instance of windows PowerShell.

## OceanDBA

# System, Database and Security Intern | April 2023 - August 2023

- Writing Python monitoring scripts for Icinga2.
- Configuring local network for virtual machines on Proxmox.
- Worked with full Linux environment (Mostly Ubuntu and Debian).
- Nginx server configuration for websites such as http to https rerouting.
- Writing database query for dashboard on Grafana.
- Database replication.

#### Education

#### MIDDLESEX UNIVERSITY MAURITIUS

BSc Hons Computer Science (Systems Engineering) (September 2022 - current)

Year 1 results

CST1340 Information in Organisations - 1

CST1510 Programming for Data Communications and Networks - 1

CST1520 System, Technology, Engineering and Mathematics – 1

CST 1500 Computer Systems Architecture and Operating Systems – 2

Year 2 results

CST2120 Web applications and Databases - 1

CST2550 Software Engineering Management and Development - 1

PDE3413 Systems Engineering in Robotics - 2

CST2560 Project Management and Professional Practice - 4

Year 3 semester 1 results

CST3144 Full Stack Development - 1

PDE3821 Artificial Intelligence (AI) in Robotics - 4

## A LEVEL (January 2019 - June 2021)

Mathematics - A\*

Chemistry - A\*

Physics – A\*

General Paper (AS level) - a

Computer Science (AS level) - a

Ranked 104<sup>th</sup> at National level.

## O LEVEL (January 2017 - November 2018)

Mathematics – 1

Additional Mathematics - 1

Chemistry - 1

Physics – 1

Design and technology - 1

Computer Science – 1

English – 2

French - 2

Aggregate - 6

Ranked 8<sup>th</sup> at National level in Mathematics.