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.
- AI 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 104th 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 8th at National level in Mathematics.