

Paladugu Sai Sivakesh

Email: saisivakesh1708@gmail.com Mobile: +919059187445

Education:

- **(2020-2024)** Jawaharlal Nehru University, New Delhi, Delhi
Bachelor of Technology in Computer Science and Engineering **6.57 / 9 CGPA**

Technical Skills:

- **Programming Languages:** C, C++, Java, Python, Bash.
- **Front-End Technologies:** HTML, CSS, JavaScript
- **Frameworks:** Qt Framework, Tkinter, TensorFlow, PyTorch, and OpenCV.
- **SQL and NoSQL databases:** MySQL, Cassandra.
- **Version Control and Collaboration Tools:** Git, GitHub
- **Security and Analysis Tools:** BurpSuite, MsfConsole, Kali Linux, FRP, WireShark, NMAP.

Soft skills:

- Ability to work independently and collaboratively in a team environment. Excellent communication and interpersonal skills

Awards and Certifications:

- Second place in Auto-WCEBloodGen conducted by MISAHUB in collaboration with CVIP 2023 conducted at IIT Jammu.
- Certificate of Participation in FlipKart GRID 5.0 – Software Development Track
- Qualified for Level 2 in FlipKart GRID 5.0 – Information Security Track

Projects:

- **Password Manager** (<https://github.com/franklin654/Password-Manager.git>)
A password manager with GUI built using **Tkinter**, **OOPs** concepts and **Python PyCryptodome** library.
- **A Mobile Virtual Gamepad app** (<https://github.com/franklin654/VirtualGamePad-PC.git>)
An app for converting your phone as a gamepad. The mobile app was built using Kotlin, and the desktop server was built using WINDOWS API, C++ networking and Qt 6-framework made in collaboration with [Kitswas](#)
- **A Dense Neural Network Model for predicting Product Dimensions** ([NN for Product-Length](#))
 1. A regression based neural network for predicting the length of a product based on its title, description, features, and product type id.
 2. We used **BERT** Language Model for converting **title, description and features** into vectors.
 3. The vectorized Text Features were passed into a dense neural network for predicting the Product Length.
- **A CCTV Application** (<https://github.com/franklin654/CCTV.git>)
 1. Developed using **Python** and integrated with **Google Drive** and using the **SOTA YOLO** AI model for real time object detection.