P.G.Gireesh

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EDUCATION

- **Sathyabama University**   *2020-2024*
  Computer Science And Engineering   CGPA/Percentage: 8.5
- **Narayana Junior College**   *2018-2020*
  HSC BIEAP, Andhra Pradesh   CGPA/Percentage: 7.67
- **Camford English High School**   *2018*
  SSC ,Andhra Pradesh   CGPA/Percentage: 9.5

PERSONAL PROJECTS

Indian Sign Language (ISL) Detection System | *Python, OpenCV, TensorFlow*

– Developed a real-time ISL detection system to aid communication for the hearing-impaired.
– Used **OpenCV** for gesture detection and **TensorFlow** for training a CNN model on ISL gestures.
– Achieved high accuracy in recognizing ISL alphabets and common words.

Technologies: Python, SQLite, Google Cloud Speech-to-Text API
Tools/Libraries: OpenCV, Matplotlib, Mediapipe, NumPy, Pandas, Tkinter

Port Scanner | *Python, Sockets, Nmap*

– Developed a Python-based port scanner to identify open ports and enhance network security.
– Used **Sockets** for network connections and integrated **Nmap** for comprehensive scanning.

Technologies: Python, Sockets, Nmap
Tools/Libraries: Threading, Argparse

TECHNICAL SKILLS AND INTERESTS

Technical Skills:Python, Java, C, MySQL, Operating System
Soft Skills:Teamwork and Collaboration, Problem-Solving Skills, Time Management, Critical Observation, Conflict Resolution
Field of Interest:Software Development, Data Science, DataBase Management, Cloud Computing
Hobbies: Reading Books, Gaming, Music

POSITIONS OF RESPONSIBILITY

- **Organiser** Ethical Hacking Workshop   -

•Spearheaded the planning and execution of an ethical hacking workshop, fostering awareness of cybersecurity principles among students.

•Collaborated with industry experts to develop a comprehensive curriculum covering ethical hacking tools, techniques, and best practices.

ACHIEVEMENTS

- **Participated In Capture The Flag(CTF)**
Completed 4 out of 12 tasks. scored 2000 points out 5000 Event dates