

SHALON JOVAN S

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EDUCATION

Sri Sivasubramaniya Nadar College of Engineering

Chennai, India

Bachelor of Engineering - Computer Science & Engineering

2024 – Ongoing

Hebron Matric. Hr. Sec. School

Nagercoil, India

SKILLS SUMMARY

- **Programming Languages:** C, C++, Python, Java
- **Full Stack Development:** MERN Stack (MongoDB, Express.js, React, Node.js)
- **Networking:** Socket Programming, Flask, WebSockets, REST
- **Game Development:** Pygame, Raylib, Godot, GDScript, OpenCV
- **Other Tools:** Git, GitHub, Flutter, LATEX, Basic Kali Tools

CLUBS

- IEEE Photonics Society, IEEE PELS, ACM-W, Coding Club: Full Stack, AR/VR & Game Dev, Cyber Security

CONTESTS ATTENDED

- **Kernal' 25 Symposium** - Won Second Place in Decode Me event
- **SIH 2025** - Selected as one of the Top 50 teams in Internal Hackathon
- **Web Replica** - Conducted by WIE SSN, won Second Place
- **PrayACThon** - 8 Hours Hackathon, conducted by Association of Computer Technologies MIT

MINOR PROJECTS

- Created a few frontend designs and HTML wallpapers
- Virtual mouse using MediaPipe
- Group chat via LAN using Flask and Sockets
- Poker Game in C using Raylib and Sockets with multiplayer support
- Etc.

MAJOR PROJECTS

- **Vidya Gyan**
 - **Tools/Technologies:** MERN Stack, Gemini API, Rocket Talk, Roadmaps.sh, Azure Translate
 - Personalized career guidance platform for school students
- **Wreaky Ball**
 - **Tools/Technologies:** HTML, CSS, JavaScript
 - Minimalist 2D arcade survival game with orbiting mechanics
- **Ball Shooter**
 - **Tools/Technologies:** Python, Pygame, Sockets, Threading, JSON
 - Multiplayer tank shooter with LAN support and leaderboard system
- **Track IT**
 - **Tools/Technologies:** Flutter, Dart, SQLite
 - Attendance tracker app with calendar integration and local storage