

SREEVARSHAN V

AI | Robotics | Cybersecurity Enthusiast

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[Portfolio](#) • [GitHub](#)

Summary

Innovative and results-driven Computer Science undergraduate with a solid background in artificial intelligence, robotics, and cybersecurity. Demonstrates hands-on expertise in building operating systems, intelligent robotics, and secure communication platforms. Recognized for delivering high-impact solutions in hackathons and personal projects. Seeking opportunities to contribute to cutting-edge, mission-driven teams.

Education

SRM Institute of Science and Technology, Chennai

Bachelor of Technology in Computer Science Engineering (AI & ML)

August 2023 – May 2027

Sudharshanam Vidhyasaram

High School, Computer Science Focus

Technical Skills

Programming Languages:

Python, C, C++, Rust, Bash, Solidity

AI & Data Science:

TensorFlow, PyTorch, Scikit-Learn,
OpenCV

Backend & DevOps:

FastAPI, Docker, Git, SSH

Operating Systems:

Arch Linux, Linux Mint

Hardware & Embedded Systems:

Raspberry Pi, OctoPrint, Klipper, 3D

Other Tools & Concepts:

Zsh, Voice Assistants, Facial Recognition,

Key Projects

Iris OS — AI-Powered Custom Linux Operating System

Developed a lightweight, Arch-based OS integrated with voice control, facial recognition, and user-specific automation features. Prioritized performance and usability for a seamless experience.

Semi-Humanoid Robot Brain (Ongoing)

Designing the AI and control systems for a semi-humanoid robot. Includes real-time speech interaction and facial recognition to support interactive, intelligent behavior.

EchoLink — Decentralized Offline Chat Application

Engineered a secure, peer-to-peer communication system using Kotlin and FastAPI. Enables encrypted messaging without internet access, ideal for privacy-conscious or disconnected environments.

Agoric AI & Cross-Chain Subscription Manager

Built a blockchain automation prototype during a hackathon using Solana, Agoric, and Router Protocol. Manages recurring subscriptions through decentralized smart contracts.

Hackathons & Achievements

- Participated in several 24–48-hour hackathons focused on AI, cybersecurity, and full-stack development
- Created a full-fledged voice assistant with custom Linux desktop integration and no performance loss
- Designed and deployed smart automation systems, including voice-controlled environments and Raspberry Pi-based control units

Additional Information

- Passionate about open-source technologies and low-level systems programming

- Strong foundation in cybersecurity concepts, including secure networking and ethical hacking
- Proven ability to self-learn and independently execute technically challenging projects