



# SHALINI G R

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<https://github.com/ShaliniGR05>

## Education

### B.Tech - Information Technology (5th Sem)

Kongu Engineering College, Perundurai

2023 - 2027

8.51 CGPA (\*4<sup>th</sup> Sem)

### HSC

Royal International School (CBSE)

2022 - 2023

86.2%

### SSLC

Royal International School (CBSE)

2020 - 2021

91.4%

## Skills

Language : C, Java , Python, HTML, CSS

Back End : NodeJS, FastAPI

Frameworks : ExpressJS

Database : MySQL, PostgreSQL

Security Tools : Splunk, Suricata, Wireshark

Operating Systems: Windows, Linux

## Areas Of Interest

- Cybersecurity
- Cryptography
- Mobile App Development
- Machine Learning
- Web Development

## Soft Skills

- Explorative Thinking
- Reasoning
- Team Work
- Adaptability

## Objective

To apply my knowledge in security tools and to contribute to the development of advanced secure systems and the identification of potential threats and vulnerabilities. With experience in designing AI/ML-based tools, I aim to further research and innovation in secure communication and threat intelligence.

## Projects

### Oppie : Ransomware Readiness Assessment Tool

Feb 2024 – April 2024

Oppie is a Ransomware scanner hosted on a Flask server, offering four layers of protection.

Link: <https://github.com/ShaliniGR05/Oppie-Ransomware-Scanner>

### TorpedoX : Cryptographic Algorithm Identification Tool

Aug 2024 – Dec 2024

TorpedoX is a tool for identifying cryptographic algorithms and hash functions, leveraging machine learning to classify and analyze classical and modern ciphers with high accuracy.

### CyberNova: Adaptive Cyber Defense System

July 2025 – Present

A Cyber defense system that autonomously detects, analyzes and mitigate cyber threats in Realtime. Partly acts as SIEM with alert dashboards and LLM based analytics with domain specific fine model fine tuned by Q-Lora.

Link: <https://github.com/ShaliniGR05/CyberNova>

## Key Achievements

- First Prize in “ KEC Hackathon’24 ” at Kongu Engineering College on “Ransomware Readiness Assessment Tool”
- First Prize in “ Smart India Hackathon 2024” National Level for “Cryptographic Algorithm Identification Tool”
- Second Prize in “DevForge” at Kongu Engineering College for “AI Driven Adaptive Cyber Defense System.”
- Second Prize in “Ideathon 2K25” at Kongu Engineering College Department level for “CyberNova: Adaptive Cyber Defense System”

## Cerifications

- Infosys SpringBoard : Database Management Systems
- Oracle University : Oracle APEX Cloud Developer Certified Professional