

# Sarvesh T S

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## EDUCATION

### Jain University

*Bachelor of Technology in Cybersecurity*

Bangalore, India

Aug. 2022 – May 2026

### Swargarani PU College

*Pre University in Physics, Chemistry, Mathematics, and Computer Science*

Bangalore, India

Aug. 2020 – May 2022

## EXPERIENCE

### Cybersecurity Lead

*Google Developers Students Club, FET JU*

August 2023 – August 2024

Bangalore, India

- Conducted multiple seminars and webinars on cybersecurity
- Attended various webinars conducted by Google professionals..
- Conducted Hackathons and Capture the Flag competitions

### Intern

*Futureense Technologies Pvt Ltd*

April 2024 – June 2024

Bangalore, India

- Simulated and analyzed network configurations using Cisco Packet Tracer to enhance understanding of networking protocols.
- Troubleshoot and resolved network topology issues in virtual environments to endure optimal functionality.
- Collaborated on designing secure network infrastructures, focusing on implementing cybersecurity best practices

## PROJECTS

### AppWarden | Android Studio

June 2024 – Present

- Built an Android app in Visual Studio Code for granular control over network access of individual apps.
- Enabled toggling of network connectivity for each app, improving user control over data usage and security.

### Caesar Cipher Encryption | JAVA

June 2023 – June 2023

- Developed a JAVA program to implement basic Caesar Cipher Encryption
- The program also provides an option to decrypt using a security key as well as with brute force method

### Password Strength Analyser | JAVA

July 2023 – August 2023

- Developed a JAVA program to check the strength of the password
- Implemented libraries like regex to develop the code

## CERTIFICATIONS

### AIG Shields Up: Cybersecurity virtual experience program on Forage

December 2023

- Completed a cybersecurity threat analysis simulation for the Cyber Defense Unit, staying updated on CISA publications
- Researched and understood reported vulnerabilities, showcasing analytical skills in cybersecurity.
- Utilized Python skills to write a script for ethical hacking, avoiding ransom payments by bruteforcing decryption keys.

### Mastercard Cybersecurity virtual experience program on Forage

December 2023

- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team
- Helped identify and report security threats such as phishing
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Assembly

**Frameworks:** Metasploit, NIST Cybersecurity Framework, OWASP, ISO 27001, CIS Controls

**Developer Tools:** Visual Studio Code, Wireshark, Nmap, Burp Suite, Kali Linux, Git, SIEM Tools

**Libraries:** Scapy, Cryptography, OpenSSL, Socket, PyCryptodome

**Soft Skills:** Critical Thinking, Problem-Solving, Communication, Attention to Detail, Collaboration, Adaptability, Time Management