Govind S

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EDUCATION

Rajadhani Institute of Engineering & Technology   **Trivandrum, Kerala**

B. Tech in Computer Science & Engineering (Cyber Security)   *Graduated in 2024*

CGPA: 6.96

PROFILE SUMMARY

Targeting **Full Stack Developer and Cyber Security** roles with an organization of high repute with a scope of improving knowledge and further career growth.

- Highly skilled Software Engineer with a strong background in Cyber Security and Computer Science.
- Demonstrated ability to manage and deliver projects **efficiently**, from initial planning and design to final deployment and maintenance.
- Strong analytical and problem-solving abilities, with a commitment to staying updated on the latest industry trends and best practices.
- Certified Ethical Hacker with a proven track record in developing innovative security and forensic solutions, highlighted by major projects like "**CF2I Tool**" a cyber security forensic investigation Initiation Tool

PROJECTS

Multifactor Authentication by using Visual Cryptography   **June 2023- June 2023**

Developed a login authentication method using visual cryptography. The system encrypts a user's secret key into two image shares. One share is stored in the database along with the username and password, while the other is provided to the user. During login, the two image shares are combined to reveal the original key. This approach enhances security by ensuring access only to users with the correct image share.

CF2I – A Cyber Forensic Investigation Initiation Tool   **June 2023 – July 2024**

The CF2I tool, a Raspberry Pi-based device, automates data capture and encryption on suspect systems. Upon connection, it collects system logs, file data, installed programs, network information, running processes, and more, operating in a write-once mode. It calculates disk and file hashes, storing them on the device while placing an encrypted CF2I hash on the suspect system. Once data capture is complete, it switches to read-only mode to prevent tampering. Forensic analysts then decrypt and verify the data, providing crucial insights for forensic analysis.

Portfolio Website   **July 2024**

I developed a personal portfolio website to showcase my projects, skills, and experience in web development and cybersecurity. I designed and implemented a responsive, user-friendly interface with smooth navigation for a seamless user experience. Additionally, I optimized the website's performance and accessibility to ensure cross-device compatibility, especially for mobile and tablet views. To enhance user engagement, I integrated interactive elements such as a chatbot button. The website is hosted using GitHub Pages, enabling continuous updates and version control.

EXPERIENCES

Ethical Hacking Internship   **Sept 2023 – Sept 2023**
SKILL HAARA Training & Placement Services Pvt Ltd
- Engaged in intensive training and practical exercises on ethical hacking techniques.
- Developed skills in penetration testing, vulnerability assessment, and security analysis.
- Successfully completed the internship, showcasing a strong understanding of ethical hacking practices and principles.

Cyber Security Internship   **Sept 2022 – Oct 2022**
Verzeo
- Participated in both mini and major projects focused on various aspects of cyber security.
- Gained hands-on experience in identifying and mitigating security vulnerabilities.
- Successfully completed the internship, demonstrating strong problem-solving skills and a proactive approach to securing digital environments.

Cyber Security Internship   **Sept 2022 – Oct 2022**
Kerala Police (Cyber Police station)
- Engage in cyber law related section.
- Conducted digital forensics to gather and analyze electronic evidence.
- Participated in incident response activities, including identifying, containing, and mitigating cyber threats.
- Gained hands-on experience with forensic software.

Other certification
- Obtained Certification form IIT Bombay on Linux and Java.
- Took cyber-Forensic internship.
- Obtained google certifications on Cyber Security.

ACADEMIC ACHEIVEMENTS

- Licensed Certified Ethical Hacker recognized by EC Council.
- Earned a certification in Web Development, Cyber Security, demonstrating proficiency in web-based technologies and security management.
- Led the college project team, developing and managing every stage in the project.

SKILLS

Programming: C, Python, JavaScript, HTML/CSS, SQL
Tools: Visual Studio, Sublime, Eclipse, Git, Cyber Security based Tools, MS Office, DB Browser, Burp suite, pen testing tools.