

Sandeep Jagan

sjagan590@gmail.com | +91 8281110014 | LinkedIn: [sandeepjagancyber25](#) | GitHub: [sandy25x](#) |
Portfolio: <https://sandy25x.github.io/sandeep-jagan-portfolio/>

EDUCATION

Rajadhani Institute of Engineering & Technology

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

CGPA: 7.14

Trivandrum, Kerala

Graduated in 2024

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 solutions, highlighted by major projects like "**Cloud Shield**"

PROJECTS

Cloud Shield – A Cloud Based Security Framework

Tools: Django/ Flask, Node.js, Python, SQL

Developed an advanced, cloud-based security framework for web applications to enhance data integrity and privacy.

Responsibilities:

- Utilized AES-CTR for robust data encryption and RSA for secure key exchange.
- Implemented an intuitive interface for role-based access control, streamlining user management and enhancing security.
- Integrated real-time system monitoring and alerting for proactive threat detection and response.

Knight Phobia Game

Tools: Visual Studio Code, Python

Developed "Knight Phobia," an engaging 2D side-scroller game using Python and Pygame, focusing on creating a dynamic and interactive experience with animated characters, obstacles, and background elements.

Responsibilities:

- Created a visually appealing and interactive game with smooth animations and responsive controls.
- Enhanced user experience by implementing dynamic difficulty adjustments based on player performance.
- Ensured high score persistence, improving player engagement and replay ability.

Portfolio Website

Tools: HTML, CSS, JavaScript, GitHub Pages

Developed a personal portfolio website to showcase projects, skills, and experience in web development and cybersecurity.

Responsibilities:

- Designed and implemented a responsive, user-friendly interface with smooth navigation for a seamless user experience.
- Optimized website performance and accessibility to ensure cross-device compatibility, especially for mobile and tablet views.
- Integrated interactive elements such as a chatbot button for enhanced user engagement.

- Hosted the website using GitHub Pages to enable continuous updates and version control.

EXPERIENCES

Ethical Hacking Intern

Sept 2023 – Sept 2023

SKILL HAARA Training & Placement Services Pvt Ltd | 1 Week

- 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 Intern

Sept 2022 – Oct 2022

Verzeo | 2 Months

- 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.

Web Development Intern

April 2021 – May 2021

IEDC MCK Bootcamp | 15 Days

- Engaged in an intensive web development bootcamp, covering both front-end and back-end technologies.
- Worked on hands-on projects, developing responsive and interactive web applications.
- Successfully completed the internship, showcasing proficiency in web development tools and frameworks.

Python Intern

Dec 2020 – Jan 2021

Reverttech IT Solutions | 1 Week

- Participated in focused training and hands-on projects involving Python programming.
- Gained experience in writing efficient code, debugging, and developing small-scale applications.
- Successfully completed the internship, demonstrating a solid foundation in Python and problem-solving abilities.

ACADEMIC ACHEIVEMENTS

- Undergoing certification of Licensed Certified Ethical Hacker recognized by EC Council.
- Earned internship certifications 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, enhancing the team's creative output and visibility.

SKILLS

Programming: C, Python, JavaScript, HTML/CSS, SQL

Tools: Visual Studio, Sublime, Eclipse, AWS, Wordpress, GitHub, Metasploit, Nmap, Burp suite, MS Office, DB Browser