SRINITHA MUTHYAM

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SUMMARY

Eager and methodical Computer Science enthusiast with a keen interest in cybersecurity and software development. Through academic coursework and personal projects, I have developed a strong grasp of software development and a dedication to digital security practices. My ability to identify system vulnerabilities and contribute to the creation of secure applications is bolstered by a collaborative approach and a continuous quest for learning. I am looking forward to applying my skills in a role that values innovative and secure technology solutions.

EDUCATION

Bachelor of Computer Science and Engineering (CYBER SECURITY)   **Oct 2020 - Present**
Gurunanak Institutions of Technical Campus, Hyderabad, India

Telangana Intermediate Board – MPC (Mathematics, Physics, Chemistry)   **Mar 2020**
Sri Chaitanya Junior College, Hyderabad, India

High School Education (Mathematics, Physics, Chemistry)   **Apr 2016**
Krishnaveni High School, Telangana, India

SKILLS

Programming Languages:	C, C++, JAVA, Python
Web Technologies:	HTML, CSS, Selenium
Databases:	MySQL
Frameworks and API:	React, Spring/Spring Boot
Proficient Topics:	Data Structures, Algorithms, Cryptography, Network Security, Information Security
Soft Skills :	Persistent, Effective Communication, Adaptability

EXPERIENCE

Supraja Technologies – Ethical Hacking Trainee   **Jan. 2024 – Present**
- Proactively engaged in training sessions and workshops, enhancing technical skills with a focus on cybersecurity vulnerability identification and documentation, and formulated strategic remediation recommendations.
- Expanded expertise in automation by learning and applying Selenium for testing purposes.

Techobytes – Student Intern at IIT Hyderabad   **Mar. 2023 –Jun. 2023**
- Designed and spearheaded a comprehensive research initiative that delved into the intersection of cybersecurity and software development, assessing their collective influence on contemporary digital ecosystems.
- Leveraged a suite of web development tools including HTML, CSS, and React to construct interactive models and simulations that illustrated research findings.

Rachakonda Council (Cyber Crime Police) – Student Trainee   **Nov. 2022 –Mar. 2023**
- Collaborated seamlessly with fellow emergency responders and police officers to ensure coordinated efforts in public safety and emergency response.
- Devised and executed strategic defenses against phishing and social engineering threats, enhancing organizational security posture and protecting sensitive information.
- Fostered and sustained positive relationships with the community, significantly boosting public trust in law enforcement through effective communication and engagement strategies.

PROJECT EXPERIENCE

Manual Phishing Project   **Mar. 2023 – Jun.2023**
- Initiated and led the team, a targeted cybersecurity initiative focused on identifying, analyzing, and mitigating phishing threats through the development of simulation tools.
- Employed HTML, CSS, and React.js to design and implement a user-friendly interface for educational simulations that demonstrated phishing detection techniques, effectively raising awareness and improving defense mechanisms among users.

Detection of Spammer on Product Reviews   **Jul.2023 – Nov.2023**
- Developed the hybrid PU-learning-based spammer detection (hPSD) model, a novel semisupervised learning approach, to identify and counteract review spam by analyzing user behavior and user-product relationships, significantly enhancing spam detection accuracy.
- Successfully applied hPSD on real-world datasets, including movies and Amazon reviews, to uncover and validate deceptive reviewers and their sponsors, demonstrating the model's effectiveness in practical e-commerce environments.

CERTIFICATIONS

- Python for Data Science and Machine Learning from Udemy.
- Intermediate Machine Learning certification from Kaggle.
- Full Stack Web Development Application from udemy
- Cyber Security from NPTEL