

Sujith Kumar Navva

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SUMMARY

Full-Stack Developer transitioning to Cybersecurity, currently pursuing an MSc in Cybersecurity at Nanyang Technological University. Experienced in creating secure, scalable applications in fintech, with ability in application security, cryptography, and forensic analysis. Committed to enhancing security measures and user experience through collaboration and innovative solutions.

SKILLS

Technical Proficiencies

- **Frontend:** HTML, CSS, JavaScript, React.JS
- **Backend:** Node.js, Java, Python, Spring Boot
- **Databases:** MySQL, MongoDB
- **DevOps & Tools:** Docker, Jenkins, Git, Grafana, Kibana, AppDynamics
- **Cloud Platforms:** AWS, Azure
- **Security:** Application Security, Computer Security, Cryptography, Forensics, Secure coding practices, encryption, authentication, authorization
- **Cybersecurity Tools:** Burp Suite, Wireshark, Autopsy, Nmap, Metasploit, OWASP ZAP

Personal Attributes

- **Communication, Motivation, Problem-Solving, Time Management, Adaptability**

PROFESSIONAL EXPERIENCE

DBS Tech India (DBS Bank) – Analyst

July 2022 – August 2024

- Developed scalable web applications for the fintech sector, emphasizing secure coding practices and effective vulnerability management to enhance overall application security.
- Collaborated with cross-functional teams to gather software requirements, ensuring compliance with security standards and business objectives, while using agile methodologies to ease prompt delivery.
- Conducted thorough testing and security assessments, leveraging Grafana and Kibana for performance monitoring and optimization, proactively addressing security-related issues.

EDUCATION

Master of Science in Cybersecurity (MSCS)

Nanyang Technological University – Singapore

August 2024 – Present

Bachelor of Technology in Computer Science Engineering

SRM Institute of Science and Technology – Chennai

2018 – 2022 | CGPA: 8.5

PROJECTS & RESEARCH

React Application for Encryption

Sept-2024

- Developed a secure React application using Crypto-JS for AES encryption and decryption, integrating RSA key generation to enhance security.
- Implemented best practices for secure coding and user authentication to protect sensitive data, ensuring a seamless user experience.

Deep Learning-Based Human and Animal Detection Using OpenCV

January 2022 – August 2022

- Developed a deep learning model using YOLOv3 architecture for precise human and animal detection, focusing on security implications in surveillance.
- Trained convolutional neural networks (CNNs) to optimize detection performance and real-time application integration.
- Enhanced detection capabilities while prioritizing system security and efficiency.

CERTIFICATIONS

- Application Security Titan Bronze Level – DBS Bank
- Tech Certification: Front End Developer - React Language [DBS BANK]

ADDITIONAL INFORMATION

- **Security Expertise:** Proficient in secure coding practices, encryption, and compliance with security standards including GDPR and PCI DSS & **Financial Sector Knowledge**