

Vigneshwar Sundararajan

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EDUCATION

University of Central Florida

Aug 2023 – Present

Master of Science (MS), Computer Science (Specialized in Cybersecurity and Privacy)

National Engineering College

Aug 2020 – May 2020

Bachelor of Engineering (BE), Computer Science and Engineering

SKILLS AND CERTIFICATIONS

- **Security:** Application Security, Network Security, Code Auditing, Vulnerability Assessment, Program Analysis, Incident Response, Cryptography, Malware Analysis, Information Security, Product Security
- **Technical Skills:** Python, Java, C++, Shell Scripting, Ember JS, Node JS, JavaScript, HTML, Ember Framework, C#, Scripting Languages, Debugging tools, MySQL, MongoDB, Linux, Unix, Windows, Android, Mac
- **Security Tools:** Wireshark, Nessus, Splunk, Burp Suite, Metasploit, OWASP
- **Networking:** TCP/IP, DNS, Routing, Switching, Firewalls, LAN/WAN, Traceroute, cURL
- **Certifications:** Oracle Associate Java SE 8 Programmer certification

EXPERIENCE

Zoho Corporation

Oct 2020 – Jul 2023

Member Technical Staff – Software Development

Chennai, India

- Implemented Login page with SSO, 2FA, SAML, OAuth and RBAC for Manage Engine Endpoint Central, reducing unauthorized access by 50% and enhancing security
- Crafted and launched the Manage Engine Endpoint Central Demo Page, spotlighting Software Design and robust security and privacy features. Implemented tailored access controls and authorization protocols, leading to a 40% decrease in vulnerabilities and reinforcing trust in platform security
- Successfully enhanced operational efficiency by 50% via strategic Continuous Integration/Continuous Deployment (CI/CD) automation pipeline implementation in GitLab, accelerating feature delivery and bolstering system reliability
- Elevated product stability and customer satisfaction by directly resolving live session issues, resulting in a 70% reduction in future bugs and faster resolution times

Zoho Corporation

Jul 2020 – Sep 2020

Technical Intern – Software Development

Chennai, India

- Engineered e-commerce platform with Ember JS, MongoDB, and Node JS, boosting performance by 20% and meeting stringent security standard
- Boosted web app security by 25% through expert application of cache API, local storage, session storage, and service workers
- Innovative product enhancement for Manage Engine Desktop Central by spearheading the adoption of a weekly internal bug bounty program, resulting in an 80% reduction in issues and fostering a security-focused culture

PROJECTS

- **Security(GitHub):** Cloud Sec Encryptor, Vault Chat, Flash Tunnel, CipherVoyage(Personal blog on Security)
- **Research Papers:** HTTPS Malware Traffic, Secure Software Development Lifecycle, Fake Soft Drinks Detector