



Sam Benjamin Pragasam

Application Security Engineer

Information Security enthusiast who loves to play CTF's and solve real word problems.

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WORK EXPERIENCE

Security Engineer ZOHO

12/2018 - Present

Work

- DevSecOps - Developed Software Component Analysis tool to find CVE's of all the third-party software used in ZOHO and created UI for tools like SAST, IAST, SCA. Worked on Penetration Testing, found security bugs on ZOHO Web application project, and also provided defensive strategies to safeguard from attackers.

Intern NEC Technologies

07/2018 - 10/2018

Work

- Establishment of VNS Chain of trust using Blockchain in NFV(5G), Establishment of Secure DNS over TLS for Secure DNS Communication

PERSONAL PROJECTS

Web Development – Programming Practice Platform

- A coding platform where students and professors can collaborate on various programming assignments.

Mobile App Development - PEC Yellow Pages

- The app consists of the contact information of staff and students.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Pondicherry Engineering College, Puducherry

08/2015 - 04/2019

9.26

Higher Secondary

St. Patrick Matric Higher Secondary School

07/2015

95%

Secondary

St. Patrick Matric Higher Secondary School

07/2013

97%

SKILLS

Python C/C++ Java OS Linux(Advanced)
Computer Networks CTF SAST/DAST/IAST/SCA
Red Teaming VAPT Security Tools Fuzzing
Reverse Engineering Web App Development
Mobile App Development Secure Code Review
OWASP Top Ten

ACHIEVEMENTS

Google Developer Student Club(DSC) Lead

Campus Developer Student Club Lead supported by Google Developers and trained students on Android Development by conducting Android workshops

Finalist in Amrita InCTF (2018 & 2019)

India's first national Capture The Flag cybersecurity competition and secured 17th in 2018 InCTF and 6th in InCTF Professionals.

1st prize in MOBAPP - app competition

2nd Prize in PECAPP – app competition

3rd Prize in TECHNO CRUNCH competition

Hall of Fame (Bug Bounty)

Mentioned in Hall of Fame in Intigriti Bug Bounty platform

CERTIFICATES

Privacy and Security in Online Social Media (07/2017)

NPTEL

Programming, Data Structures and Algorithms in Python (05/2016)

NPTEL

INTERESTS

Reverse Engineering CTF Web Development
Malware Analysis Web App Penetration Testing
Bug Bounty