Judy Abraham

Cyber security enthusiast without a professional degree

- ‣ Born on 20/10/1999 in Kerala
- ‣ Indian
- ‣ Unmarried

Skills

Cyber Threat Intelligence — 4+ yrs.

Full Stack Development — 3+ yrs.

Cyber Forensics — 2+ yrs.

Malware Analysis using IDA Pro — 2+ yrs.

Competitive Programming — 7+ yrs.

Networking & Linux Administration — 4+ yrs.

Speaker

Team Player

Malayalam — FWP

English — FWP

Hindi — LWP

Tamil — EP

Biography

I am a positive minded engineering enthusiast in solving modern problems using technology, and I am like minded in contributing a better part of my technical skill for a safer and secure Internet.

Experience

Associate Application Support — 04/2022 (ongoing)
Sutherland Global Services

I am an Associate Application Support professional, working at Sutherland Global Services. With my technical expertise and skills in VBA, I am responsible for providing support to end users for software applications and systems. I have a passion for finding solutions to complex problems and continuously strive to improve the user experience.

Security Researcher — 01/2021 - 03/2022
Hackerone

Hackerone is a private security vulnerability disclosure platform. As a Security Researcher at HackerOne, I performed online security assessments and penetration testing on various software and systems, discovered and reported security vulnerabilities to clients, collaborated with development teams to validate and address issues, implemented security best practices to enhance clients' security posture, stayed up-to-date with emerging security trends, and contributed to the development of custom security tools and scripts.

Security Researcher — 01/2021 - 03/2022
Bugcrowd

Bugcrowd is a private security vulnerability disclosure platform. As a Security Researcher at Bugcrowd, I utilized my technical skills and experience to identify and report security vulnerabilities in various software and systems. I worked closely with clients to validate and resolve security issues, while also implementing best security practices to improve their overall security posture.

Cyber Security Architect — 03/2018 - 12/2020
Teqnocart Innovations

Teqnocart Innovations is an empowering idea that came across some unique minds in order to pursue our dream of entrepreneurship. The main key focus of the startup was to develop Computer based designs and Web applications while providing technical training. I undertook the role of cybersecurity architect while being part of the startup, designing the protocols and infrastructure for secure and efficient data management. I along with my team provided mentoring in the area of cyber threat intelligence to the attendees. Teqnocart Innovations was recently titled to Yelloberries Digital and is still functioning.

Volunteering

Campus Representative — 09/2018 - 07/2021
Google Crowdsource

As being a part of Google Crowdsource community, I along with my team undertook the initiative of conducting a workshop on "Firebase" with the help of Google Crowdsource community, Kerala chapter in November of 2018. We also conducted pitching for gathering more data for improving Google's products like google translate, google maps and google search for our local communities.

Education

06/2022 - 06/2025

Certified Ethical Hacker (CEH)

Credential ID : ECC9530812674

EC-Council

06/2017 - 07/2021

Computer Science (B.Tech.)

APJ Abdul Kalam Technological University (KTU)
Viswajyothi College of Engineering and Technology

04/2015 - 03/2017

High School

Central Board of Secondary Education (CBSE)
St. Mary's Senior Secondary Central School

Interests

▸ Bug Bounty
▸ CTF
▸ DIY
▸ Gaming
▸ Travel

Contact

▯ +91 8281949845

✉ mrjudyabraham@gmail.com

🐦 twitter.com/mrJudyAbraham

in linkedin.com/mrJudyAbraham

Class Representative   08/2017 - 07/2021
Computer Society of India

The Computer Society of India (CSI) was one the main student volunteering groups in my college, as it was selected as the best student branch across India. While being a part of the following student branch, We conducted and participated in workshop on "Quadcopters for security". In the time being, I along with my team have organized a workshop on "Ethical Hacking" with hands on experience for higher secondary students from a selected number of institutions, as a part of awareness initiative from the modern day to day threats. We also had the opportunity to participate in the state level convention organized by our student branch in march of 2019.

Student Volunteer   08/2017 - 07/2021
Indian Society for Technical Education

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making society for the technical education system in India. I along with my team have participated in the 16th ISTE Annual Students State Convention "SANGRAH 18" at Govt. College of Engineering, Kannur.

Projects

IDASS   07/2020 - 05/2021
Viswajyothi college of engineering and technology

Intrusion Detection And Security System (IDASS). Our objective was to develop a cost effective solution while providing maximum online security to the user. We aimed to develop a smart intrusion detection system that prevents any type of online attacks that can take place through the wifi network or Internet. We made use of NLP for identifying patterns of communication within the HTTP transmissions hence targeting them to a DNS sink hole, if found malicious which was located in the same network.

KnockCode   02/2020 - 05/2020
Viswajyothi college of engineering and technology

A modern and simple approach towards highly efficient and complex security mechanism that can be implemented on any smartphones without the need of any dedicated hardware. All it needs is a touch screen !!

EnIgMA   10/2021 (ongoing)
Self-Formed

Passwords are very important nowadays but making them more unique is much more important as common approaches of password guessings can easily pick out your password. EnIgMA is a secure offline password generator that can create custom length passwords with much added complexity.

Opportunities

- Spoke on "Malware Analysis" at HAC'KP 20
  Malware Analysis is the practical way of understanding the individual functions of different types of malicious software. I hope this opportunity helped everyone to understand the process of analysis and effective detection of custom made malwares. I am thankful for the moderators, Kerala Police, Cyber cell and Kerala Government for nurturing such innovative approaches towards the Cyber security Industry and Threat Intelligence Sector by the means of such an exceptional event HAC'KP 2020.

Kerala, 29th March 2023

Judy Abraham