

Sreyash Ratna Tripathi

sreyashtripathi.com

Professional Experience

KPMG, Gurgaon (NCR), India Associate Consultant April 2019 – Present
 Cyber Security Analyst July 2017 – March 2019
 Trainee January – July 2017

- Worked on 30+ client engagements in Government, Banking and Finance and Law Enforcement sectors
- Part of Cyber Incident Response teams for engagements both in Indian subcontinent & overseas
- Performed Cyber Incident Response and Crisis Management on 20+ engagements
- Performed Red & Purple teaming exercises for 3 engagements
- Part of the offensive infrastructure team at KPMG and lead 2 Infrastructure Development projects
- Performed IT Security Audits, Network Architecture Reviews, VAPT and Threat Intelligence Gathering

Bristlecone, Mumbai, India Project Trainee June – July 2016

- Provided consultancy to 2 of the largest clients for procurement of Data Leak Prevention Systems.
- Provided consultancy for purchase of 1000 DLPS licenses.
- Advised on open source accounting systems incorporating existing business layers for a client.

NIIT University, Neemrana, India Software Development Intern December 2015 – January 2016
 President, Microsoft Innovation Centre October 2015 – September 2016

- Developed 2 drill-down reports as intern for Nucleus Academic ERP in .NET improving efficiency by 50%
- Incorporated one-click reports and real-time data analytics as intern over attendance and marking system
- Automated result generation module as intern with speed of 1 sec
- Helped 11 teams for Imagine Cup'16 under MIC of with 4 National Finalist and one 1st Runner Up
- Organized 50+ activities under MIC like Hackathons, X-Box Gaming Arcade, Quiz etc.

NIIT Ltd., Gurgaon (NCR), India Software Development Intern June – July 2015

- Developed 4 academic report modules on Nucleus Academic ERP in .Net
- Successfully created Pass-Fail Sheets with parameters for student performance
- Automated Fees Report generation module with speed of 2 sec

Projects

Individual Research

- REScure Threat Intelligence Solution July 2018 – Present
- Cure-Box Endpoint Threat Prevention Solution October 2018

KPMG

- ELK Platform Creation Project April – May 2018
- Offensive Infrastructure Pilot Program January – April 2018
- Internal Threat Intel Project January – March 2018
- Customized Rubber Ducky and Responder Hardware January – March 2018
- Research on Algorithms and Blockchain March – August 2017

NIIT University

- Early Diagnostic and Warning System (EDaWS) February – April 2016
- Light Weight Cryptography for IoT Systems January – May 2016
- Optimized EMOR and PROPHET algorithms for Opportunistic Routing January – May 2016
- Intrusion Detection Alert System October – December 2016

Skill Set

Languages:	C, C# (ASP.NET), SQL (MySQL and T-SQL)
Strong Suites:	Cyber Incident Response, DFIR, Crisis Management, Red/Purple Teaming, Systems and Network Security, Internal Risk Management, Report Writing and Presentation
Tools:	SysInternal, ELK Stack, Nmap, Metasploit, Wireshark, Nessus, Acunetix, BURP, Visual Studio
Soft Skills:	Effective Communication, Problem Solving and an Optimistic Attitude
Hardware Owned:	Raspberry Pi (3 and Zero), USB Rubber Ducky, Cloud Servers

Education

NIIT University , Neemrana, Rajasthan, India	2013 – 2017
▪ B.Tech in Computer Science and Engineering, spl. Cyber Security (GPA 8.7/10)	
Lawrence and Mayo Public School , Kota, Rajasthan, India	2012 – 2013
▪ 12 th Grade (Percentage 84%)	
Christ Church Boys' Senior Secondary School , Jabalpur, Madhya Pradesh, India	2010 – 2012
▪ 10 th Grade (GPA 9.2/10)	

Certifications and Publications

EC Council

- Certified Ethical Hacker (CEHv10) July 2018 - Present
- Certified Incident Handler (ECIHv1) August 2018 - Present

Blockchain Council

- Certified Blockchain Expert (CBE) September 2017 - Present

International Journal of Future Computer and Communication (IJFCC)

- Sreyash Ratna Tripathi, Shreya Mahabala Alva, Debasis Das. "Algorithm for Leader Node Selection in VANets at Road Intersections". April 2016

Leadership, Management and Awards

KPMG

- Coordination and Mentoring of Trainees January 2018 – Present
- Management of Internal Cyber Security Projects January 2018 – Present
- Management of Cyber Security Lab Infrastructure April 2017 – Present
- Accolades, Award for outstanding achievement at KPMG January and December 2018

NIIT University

- Microsoft Student Partner, Microsoft (India) January – December 2016
- Member of Student Affairs Committee (Academic Council) January – December 2016
- Course In-Charge, Web Development (HTML5, CSS3 and ASP.NET)
- Teaching Assistant, Fundamentals of Programming in C August – December 2015
- Head, Transport Management Team, IngeNUity'15 January – February 2015
- 1st Runner Up, The 7th Chinese Students Innovation and Entrepreneurship Competition September 2016
- National Finalist, Microsoft Imagine Cup'16 April 2016