



भारतीय सूचना प्रौद्योगिकी संस्थान ,रांची  
**Indian Institute of Information Technology, Ranchi**  
(An Institute of National Importance, under MHRD, Govt. of India)

## Sameer Jha

4<sup>th</sup> year B.Tech, Computer Science & Engineering

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834010

4<sup>th</sup> year B.Tech Computer Science student at IIIT Ranchi with keen interest and practical exposure in the field of information security, especially web applications security and network security as well as DevSecOps operations.

### Education

B.Tech, Computer Science & Engineering	IIIT Ranchi	CGPA : 7.75/10 (till 6th sem)	
2017-21			
12 <sup>th</sup> (Senior Secondary Examination)	CBSE Board,	86.7%	2016
10 <sup>th</sup> (Secondary Examination)	CBSE Board	95%	2014

### Technical Skills

- Programming Languages – Python, C, C++, Golang, Bash.
- Web Technologies – Flask, Django, React Js, Node Js, MySQL, HTML, CSS, JavaScript, UX Design.
- Security Technologies - Web Application Penetration Testing, Malware Analysis, Network Security and Testing.

### Internships

- Cyber Security Research intern, CSIR 4th Paradigm Institute (CMMACS)** Jun-Jul'19  
A 2 month long internship in Cyber Security domain specific to Network Security, Where we developed a packet level traffic analyzer for malicious intents using signature and handshake verification as well as enabled our fire wall with machine learning recognition and mitigation capabilities. The program is currently deployed full time on their on prem Supercomputer.
- Networking & SOC analyst intern, Kyrion Digital Technologies** May-Jul'18  
Network Maintenance and SOC analyst intern for secure operations of the network. Installed Palo Alto networking equipment and configured it with the rest of the environment and implemented a secure DevSecOps CI-CD pipeline with ELK monitoring and health analysis system, also conducted research audits on the SOC data.

### Trainings & Workshops

- Attended training on Python by Microsoft and WAC Jun-Jul'18
- Attended training on Cyber Security by Cybrary Nov'19

### Achievements

- Consecutive Smart India Hackathon Finalist in 2019 edition & 2020 edition.
- Recognized contributor to the Malware Threat Detection Engine of Kaspersky Labs.

### Extra-curricular Activities

- Head of the Technical Society House of Geeks of IIIT Ranchi.
- Technical Secretary in Students Council.
- Planning and Development team member of Culfest 2018, NIT Jamshedpur.
- Hobbies include Music Production, Photography, Reading, Gaming.

