

## Work Experience

### CONSULTANT | Ernst & Young LLP

10.2020 – 05.2021

- Achieved 100% reduction of known vulnerabilities performing automated and manual secure code review and providing recommendations resulting in 0 bug bounty attacks
- Designated client trainer for Secure SDLC, OWASP Top 10 and secure coding best practices; designed tests and simulations for developers for identifying vulnerabilities
- Designed and implemented 20+ Forcepoint DLP policies by collaborating with 5+ teams to ensure the organisation's data protection
- Aliased between client C-suite members and EY team consisting 8-10 people; recommended incorporating security features during requirement gathering to reduce known vulnerabilities, allowing discovery of new vulnerabilities while testing
- Realized configuration management for 20+ components by implementing network zoning and security controls for all network elements such as database, server and more

### ASSOCIATE CONSULTANT | Ernst & Young LLP

06.2019 – 09.2020

- Upgraded testing and threat modelling flow using Secure SDLC principles (US-Cert, NIST, ISO27001) obtaining 100% security, and formed cyclic review and security enhancement process achieving 0 vulnerabilities through secure code review
- Performed penetration testing for over 5+ mobile and web applications, practising pen-testing execution standard and OWASP top 10
- Trained and supervised a team of 5 in security configuration review and network VA, also created 20+ baseline security documents
- Mentored a team of 10 to create technical reports reflecting the observation details, risks, attack scenarios, affected hosts and recommendations with consistent formatting
- Acquired PCI-DSS certification, guiding the implementation of 12 principles by performing threat modelling and formulating an architecture with DMZ through sessions with the client's IT head and CTO

### ANALYST | Ernst & Young LLP

06.2017 – 05.2019

- Led an IT risk assessment to investigate security settings in 2 data centers and supported the teams in resolution of vulnerabilities
- Spearheaded 3 projects from pre-initiation to delivery, negotiated contracts and timelines by fostering a connection between 5 teams
- Introduced a client inclusive requirement gathering system with UI demos and test cases for review, reducing delays by 50% in a period of 6 months

### INTERN | Gurgaon Police Cyber Cell

06.2014 – 07.2014

- Researched five domains, mobile, email, ecommerce, website, and social media, analysing the attack vectors and detection metrics
- Initiated email phishing project to gather metrics on the number of people who opened the attachment

## Education

### MASTER OF INFORMATICS | Ongoing

Technical University of Munich – Munich, Germany

### BACHELOR OF TECHNOLOGY | Computer Science, 2017

Narsee Monjee Institute of Management Studies – Mumbai, India

## Skills

Secure Code Review	Application and Network VAPT	Python
Project Management	Security Regulations Compliance	MATAB
Configuration Management	Threat Modelling	

## Certifications

EY Artificial Intelligence – Bronze Badge	EY Cybersecurity – Bronze Badge	2-time EY spotlight award holder
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## Languages

English (C2)	French (A2)	German (A2)
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## Tools

Nmap	Dirbuster	SonarQube
BurpSuite	SQLmapper	SonarScanner
Nessus	Metasploit	