



EDGE COMPUTING IN IOT APPLICATIONS

RAKESH ELAMARAN

WHO AM I?

- ↪ Security Engineer with 5 Years of Experience
- ↪ Msc CyberSecurity Engineering, University of warwick, UK
- ↪ Security Researcher | Licensed Penetration Tester Master |
Certified CyberCrime Intervention Officer
- ↪ FOUNDER - Rootecstak and SVCE CyberHub
- ↪ OWASP Cuddalore Chapter - Leader
- ↪ Mentor | Speaker | Blogger

ETHICAL HACKING

- ✧ Ethical Hacking is an authorized practice of bypassing system security to identify potential data breaches and threats in a network.
- ✧ The company that owns the system or network allows Cybersecurity Engineers to perform such activities in order to test the system's defenses.



ROADMAP

- ✧ Strategic includes Governance, Risk, and Compliance (GRC), Policy, IT Audit, security frameworks and management.
- ✧ Tactical includes everything technical security systems administration, networking, application security, security operations, incident response, vulnerability management, and penetration testing.
- ✧ Pick the one where you have most strength.
- ✧ **Caution:** Don't try to do both but Be aware of the other Side .

CERTIFICATIONS

iapp



CompTIA
Security+

ISACA
Serving IT Governance Professionals



Certified Information
Security Manager[®]
An ISACP Certification



Certified in Risk
and Information
Systems Control[®]
An ISACP Certification



Certified in the
Governance of
Enterprise IT[®]
An ISACP Certification



Certified Information
Systems Auditor[®]
An ISACP Certification

(ISC)²



Certified
Information
Systems Security
Professional



Certified
Secure
Software Lifecycle
Professional



Systems
Security
Certified
Practitioner



Certified
Authorization
Professional



Certified
Cyber
Forensics
Professional



Health Care
Information
Security
and Privacy
Practitioner



SANS



EC-Council

CCISO

Certified Chief Information Security Officer

CEH

Certified Ethical Hacker

ECIH

EC-Council Certified Incident Handler

LPT

Licensed Penetration Tester

ENSA

EC-Council Network Security Administrator

ECSP

EC-Council Certified Secure Programme

ECSA

EC-Council Certified Security Analyst

CCSCU

Certified Secure Computer User

EC-Council Disaster
Recovery
Professional

ROLES

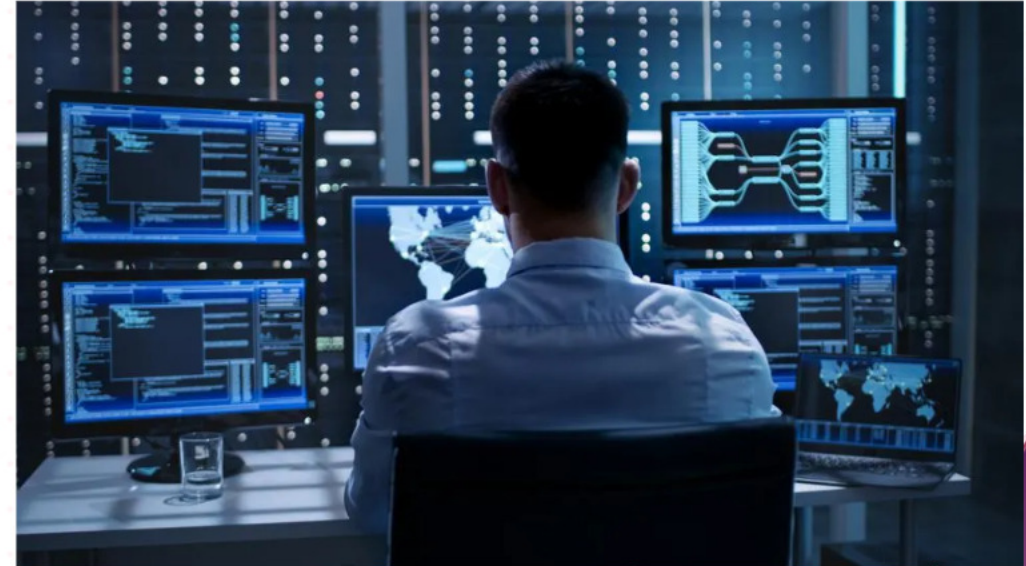
- ↪ Security Analyst , Penetration Tester (Junior), SOC Analyst, Content/Course Creation.
- ↪ Security Engineer, Penetration Tester (Mid-Senior).
- ↪ Forensics/Incident, Threat Hunter.
- ↪ Security Architect, Manager, Director, CISO

FOR PRACTICE

- ↪ TryHackMe
- ↪ HacktheBox
- ↪ PortSwigger Labs
- ↪ Pentester Labs
- ↪ Cybrary
- ↪ RootMe, Overthewire
- ↪ Etc...

CYBERSECURITY AS A CAREER

- ✧ Freshers - Landing in a job | Graduates - Going for Masters
- ✧ Vast Domain - you're always learning/earning
- ✧ Most Demanding Domain in Future
- ✧ Pride and Better job satisfaction
- ✧ Unlimited Growth
- ✧ Competitive and Higher Salary



FRESHERS

- ✧ BASICS is Important
- ✧ Figure out the Path and Role - Prepare accordingly
- ✧ Talk to Experts/ Professionals - LinkedIn
- ✧ Schedule Mock Interview
- ✧ Research about the Company/ Interview Process
- ✧ Attend With Confidence

**ANY
QUESTIONS?**



REACH ME OUT!

Rakesh Elamaran



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Security Engineer 2 at Comcast | LPT
Master | Public Speaker | Founder @R...

