

BHUVESH GUPTA

Vellore Institute of Technology

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Address: Sanskriti Apartments, Sector 46, Faridabad, Haryana.

Sex: Male

With an enthusiastic attitude and an energetic working behavior, I am willing to learn more about the corporate world. To compete and be capable for future endeavors, I am dedicated to learn as well as work in the field of cyber security.

ACADEMIC CREDENTIALS

B. Tech (Electronics and Communication engineering) ♦ VIT, Vellore [8.92/10]	2016-2020
Class-12 ♦ Modern Vidya Niketan, Faridabad, Haryana [86%]	2016
Class-10 ♦ Modern Vidya Niketan, Faridabad, Haryana [86%]	2014

SKILLS

Computer Networking | Ethical Hacking | Metasploit | OWASP Top 10 | Nmap | Mimikatz | Netcat | Responder | Bloodhound | Wireless Hacking | Cryptography | Reverse Engineering | Buffer Overflow | Java | Python | Linux | SIEM (QRadar, BlackStratus)| Kibana | Penetration Testing | BurpSuite | Web Development(Flask, PHP, SQL, JQuery, AJAX) | Scripting (Python and Bash) | Active Directory Attacks | Web Application Testing | Docker

PERSONAL PROJECTS

- **Capture the flag**

-Solved various CTF labs such as Quoar, Milnet, Toppo etc.

- **OWASP JuiceShop**

-Solved a vulnerable lab named JuiceShop

- **OWASP WebGoat**

-Solved a vulnerable lab named JuiceShop

- **Hack The Box Labs**

-Performed penetration testing and exploiting vulnerable such as Nibbles, Jerry, Devel, Legacy etc.

- **Vulnhub Labs**

-Got to the root of various systems used from Vulnhub

- **Vulnerability Analysis of Website**

-An intentionally left vulnerable website was scanned for vulnerabilities and was then exploited.

- **Login Page Functionality**

-Login page functionality using PHP, AJAX, JQuery and HTML

- **Temperature Controlled Cooling Fan**

- *Speed of the fan was controlled automatically based on the temperature of the surroundings.*

- **Mobile Detector Circuit**

- *This analog circuit could detect the presence of any mobiles near it.*

- **Obstacle Avoiding Bot**

- *The bot would automatically change its direction on detecting an object in front of it.*

- **Car Parking System using Linked List**

- *The model used to keep a track of cars in and out of the parking.*

- **Score Counter Application**

- *It is a basic application which will count and compare the score between two teams and tell the winner amongst them.*

- **Spam Email Classifier**

- *A model based on Naïve Bayes classifier was built to classify spam messages*

CERTIFICATIONS

- Data Structures – by UC San Diego (Coursera)
- Ethical Hacking (Udemy)
- VLSI CAD Part-2: Layout – by Illinois (Coursera)
- Penetration Testing in Action – by Daniel Teixeira (PluralSight)
- Flask: Getting Started – by Reindert-Jan Ekker (PluralSight)
- Penetration Testing and Ethical Hacking with Kali Linux – by Gus Khawaja (PluralSight)
- Web Application Penetration Testing: Session Management Testing – by Clark Voss (PluralSight)
- Practical Ethical Hacking: The Complete Course – by TCM Security, Inc. (Udemy)

INTERNSHIPS & EXPERIENCE

Vulnerability Researcher (Paid)

♦ HackerOne (Self - Employed)

Started 1st May, 2020

- Finding bugs and vulnerabilities on live websites to help the companies get more secure. Have found 3 bugs in private programs till now.

L-2 Cyber-SOC Analyst (Paid)

♦ Orange Cyberdefense, 9 Rue du

Chene Germain, 35510, Cesson-Sevigne,
France.

13th January to 30th June, 2020

- Worked with the CyberSOC team on QRadar for incident response, creating new detection rules for Threat Hunting and worked on a project to make standardized procedure for detecting new IOCs in future and reducing the need of manual intervention.

SOC Analyst

♦ Orange Business Services, Infinity Tower,
8th Floor, Tower-B, DLF City Phase 2,
Gurugram-122008, India.

1st December to 31th December, 2019

- Worked with the security operations (SOC) team and CyberSOC team on a tool called Kibana for elastic

search and Nessus for vulnerability assessment and also worked on firewall rules.

Cyber-SOC Analyst (Paid)

♦ Orange Cyberdefense, 9 Rue du
Chene Germain, 35510, Cesson-Sevigne,
France.

1st May to 30th June, 2019

- Worked as Blue Team with the security operations (cyber SOC) team on SIEM and ARBOR. Security incidents were managed and the mitigation techniques of DDoS attack were learnt.

SOC Analyst

♦ Orange Business Services, Infinity Tower,
8th Floor, Tower-B, DLF City Phase 2,
Gurugram-122008, India.

1st May to 30th June, 2018

- Worked with the security operations (SOC) team on a tool called Black-Stratus which is a SIEM architecture. Cyber-attacks were handled.

EXTRA-CURRICULAR

Association of Computing Machinery (ACM)-(2017-2020)

-Core committee member at ACM in research department.

Organizer of Code to Create-(2018)

-Was a part of the Code to Create hackathon organizing team, organized by ACM.

SELECT Make-a-thon

-Participated in SELECT Make-a-thon organized by VIT, Vellore.

Software Defined Networking and Cloud

-Took a VAP (Value Added Program) course at the VIT, Vellore.

COMMUNITY SERVICE

Member of LEO(Humanitarian Services) club ♦ VIT, Vellore

2nd December 2018 to 30th April 2019

Taught in an NGO ♦ Literacy India, Gurugram, Haryana, India

2nd May to 30th June, 2018

PUBLICATIONS

Bhuvash Gupta, Dr. Kakelli Anil Kumar, "Security Mechanisms of Internet of Things (IoT) for Reliable Communication: A Comparative Review", 2019 IEEE International Conference On Vision Towards Emerging Trends In Communication And Networking (VITECON).

INTERESTS

- Cricket, Football, Nature Walks, Music, Learning new things

LANGUAGES

- English, Hindi, French