

# Shikhar Bhargava

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## Education

Indian Institute of Information Technology Bhopal

B.TECH IN INFORMATION TECHNOLOGY | GPA: 8.61

Bhopal, MP

Sept, 2023 - Present

## Work Experience

Gurugram Cyber Crime Cell

CYBERSECURITY INTERN

Gurugram

May, 2024 - July, 2024

- Learnt and gained the basic concepts of Ethical Hacking
- Made a OSINT (framework) tool to investigate/troubleshoot email server issues.
- Made a brief project on Cyber Threat in Aviation which included the misuse of PNR's
- Got the opportunity to visit the CID and I4C offices and demonstrated our projects.

Prodigy Infotech

DevSecOps Intern

Remote

July, 2024 - Sept, 2024

- Made 4 virtual machines (2 ubuntu and 2 windows 7) using the AWS EC2 Service
- Additionally a small project to set up a small webserver and database in Docker-compose

## Projects

Terraform Spotify Playlists

TERRAFORM, DOCKER, SPOTIFY DEVELOPER, VS Coded

[pirates/spotify-tf](#)

- Developed a spotify playlist using Terraform- a powerful infrastructure as a tool
- Spotify Developer Account helps to generate an api-key which connects the credentials given to the Terraform CLI, Dockerfile help to build an spotify image.

Access AWS Services using Terraform

AWS, Terraform, GitHub

- Created IAM and access the client ID and secret ID
- Using Terraform Provider Connect the AWS account to Terraform with VsCode and Github
- Made EC2 (with own ami id and security group) using the Terraform CLI.

Cyber Threat In Aviation (Internship)

LINUX, Bash

- Involved Detailed research , development and implementation on various types of cyber threats.
- Involved various case studies which demonstrated the misuse of PNR and also included ACARS Aviation.

## Skills

**Languages:** Java, JavaScript, Shell, Bash, Python, C, C++

**Tools:** Docker, Terraform, Git, Github, JIRA , build , Gitlab, BurpSuite, Wireshark

**Frameworks:** NodeJS, NIST, CI-CD Pipeline, OCF (OpenBSD cryptographic framework) , OSINT

**Platforms:** Linux, AWS Cloud, Azure, Google Cloud Platform

**Services:** AWS( S3, EC2, IAM,RDS and CloudFront)

## Certificates

Information Gathering- Mastered the IG tools of linux , given by virtual cyber labs. (April 2024)

Virtual Cyber  
Labs (ISC2)

GPCSSI Project Completion - On accomplishment of successful Project by ACP Cyber  
Crime Gurugram(July 2024)

ACP Cyber  
Crime