

Shikhar Bhargava

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EDUCATION

Indian Institute of Information Technology, Bhopal

September 2023- June 2027

Bachelors of Technology – Information Technology(IT)

CGPA 8.60

Relevant Coursework: **Cloud Architecture, Artificial Intelligence , Networking and Machine Learning.**

ADDITIONAL INFORMATION

- **Languages:** Go, C++, Python, Javascript .
- **Technologies:** Node JS, Express JS, MongoDB, Google Colab, VSCode.
- **DevOps Tools:** Docker, Kubernetes, Terraform , Grafana, Prometheus, Jenkins, CI/CD.
- **AI/ML Frameworks:** LlamaIndex, Langchain, RAG, NLP, Hugging Face.
- **Soft Skills:** Leadership, Team Management, Creativity, Emotional Intelligence

EXPERIENCES AND RESPONSIBILITIES

Gurugram Cyber Cell Police, Gurugram | GPCSSI Intern

Gurugram, Haryana (May 2024- July 2024)

- Led a team to make 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 | DevOps Intern

REMOTE(Sept 2024 – Dec 2024)

- Made 4 virtual machines (2 windows and 2 Ubuntu) using the AWS EC2 service.
- Additionally a small project to setup a small webserver and database in Docker Compose .

AWS User Group, Mumbai | Team Member

January 2025–Present

- Assisted attendees during workshops or labs with AWS-related queries.
- Handles the venue setup for various events including the AWS Community Day.

ACADEMIC PROJECTS

Access AWS Services using Terraform | AWS, Terraform, Github

- Created **IAM** and access the client ID and **secret ID**.
- Using **Terraform provider** , Connected the AWS account to Terraform using **VSCode** and **github**.
- Made EC2 (own ami ID and security group) using the **terraform CLI**.

Terraform Spotify Playlist| Terraform, Spotify Developer, Docker, VSCode

[GITHUB](#)

- Developed a spotify playlist of your choice using **Terraform** – a powerful IAAAT
- **Spotify Developer Account** helps to generate the **API-key** which connects the credentials given to the Terraform CLI.
- **Dockerfile** helps to build the spotify image

ACHIEVEMENTS & CERTIFICATES

AWS CERTIFIED SOLUTION ARCHITECT by Udemy([Link](#))

- Amazon Web Services, Elastic Console
- Identity and Access Management, Relational Databases
- S3 and AWS Lambda

AWS CERTIFIED MACHINE LEARNING ASSOCIATE by Udemy([Link](#))

- Machine Learning
- Statistics, Neural Networks

COMPUTER NETWORKING by Scaler([Link](#))

- OSI Model, Virtual Private Cloud