Raghav Mittal

CYBER SECURITY ASPIRANT|CLOUD RESEARCHER|AWS DEVELOPER| ALEXA SKILL DEVELOPER| IOT| NETWORKING

# PERSONAL DETAILS

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# EDUCATION

**SCHOOL**

1. Class XII- St. Mary’s Academy, Meerut ISC Board (86.2%) 2016-2017

2. Class X- St. Mary’s Academy, (90.6%) 2014-2015

**B. tech CSE** 2017-2021

***Amity University Noida (68s%)***

# PROJECTS

1. Deployed a **chat bot on Facebook** using **AWS Lex**.
2. Built a **self-driving car simulation** and integrated it with **Alexa**. Car can be controlled by **Alexa voice commands** via my Alexa skill hosted on AWS.
3. Published **Business facts skil**l on **Alexa skill store**. Skill on being invoked says facts randomly stored in the **Amazon RDS** (database). It is **live on Alexa skill store** globally.
4. Built a **Content Filtration System on AWS**. It would use **Amazon Rekognition** to filter and delete obscene content. **AWS Lambda and S3** were used extensively.
5. Deployed **Home automation system** on AWS. Various electrical devices can be controlled via any platform thorough web interface.
6. Published research paper titled **“To develop an efficient privacy preserving algorithm for preserving the privacy of cloud users**” **indexed on Google Scholar** through easy chair publication.
7. Published paper on **“Analysis of DDoS attack on Cloud”** at IEEE Conference 2020.

# INTERNSHIPS

1. Did **cyber security training at Lucideus** Technologies (Delhi). (2018)
2. **Industry internship at TISPL** (GURUGRAM) and wrote a research paper on Data Privacy. (2020)
3. Completed AWS Solutions Architect training from Prism code.

### Completed Internet of Things with Alexa and Computer Vision course from

Prism Code Info.

1. Did **internship from IIT Bombay** in building a Content Filtration System on AWS.

# ACHIEVEMENTS

## CYBERSECURITY

* + 1. I am a **certified ethical hacker from EC-Council** (CEH).
    2. **Receive scholarship of 200usd** from EC-council for doing cyber challenge.
    3. **Received scholarship of 100usd for CEH** (certified Ethical hacker) from EC-Council.

## AMAZON WEB SERVICES (AWS)

* 1. **I am a certified AWS Cloud Practitioner** (AWS CCP).
  2. Received 50% off coupon from AWS for scoring 943/1000 in AWS Cloud Computing Practitioner exam.
  3. Completed AWS Solutions Architect training from Prism code.

# SKILLS

1. Languages C++, Python, Bash (Intermediate)
2. Back End PHP
3. Data Base Technologies MySQL (Beginner), AWS Relational Database

(RDS)

1. Operating Systems Kali Linux, Ubuntu, Raspbin Os
2. Hardware Arduino, Raspberry pi
3. Cybersecurity Nmap, Metasploit, Burp Suite, Wireshark sqlmap, and various tools used in penetration testing
4. Networking Well versed with all the concepts of CCNA



