

# AADHAAR KOUL

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## SUMMARY OF QUALIFICATIONS

**Exceptionally well organized and resourceful 10X Programmer** with more than Five years experience and a solid academic background in Cyber Security , Linux , and programming; excellent analytical and problem solving skills; able to handle multiple projects while producing high quality work in a fast-paced, deadline-oriented environment.

## EXPERIENCE

- MIET Jammu Project Intern - ( June 2022 - 2023 ):
  - Collaborated with Top college faculty including the college Director on a security based project .
  - Published multiple research papers based on Federated learning models , New and real time Hacking methods for windows and Linux privilege escalation.
  - Filed a patent on the idea and delivered the very first working version of the framework.
- LINODE Cloud IT Support Engineer (Intern) - (Sept 2020- Jan 2021)
  - Got a chance to be mentored by Mr. Britton Duer and work under the supervision of Ms.Jamie Park
  - Hosted and served multiple server instances for 5 startup companies and an NGO using the Linode Cloud Platform.
- KLIENT ASSIST Web Developer ( Intern ) - ( Jul 2022 - 2023 ) :
  - Made the organization website from scratch that can be viewed at (<https://klientassist.github.io/>)
  - Recruited best people for the organization that fit the best job roles.
- Full Stack Developer Role for Shri ParshuRam Ji Trust Foundation (2021 - 2022)

## EDUCATION

- Model Institute of Engineering and Technology
  - College Courses : C , RPA , Compilers , Data structures , Microprocessors , Design analysis and algorithm , Cybersecurity , Operating Systems , Digital electronics .
- EC-council University

- CEH(Certified Ethical Hacker)
- EHE(Ethical Hacking Essentials)
- DFE(Digital Forensics Essentials)
- NDE(Network Defence Essentials)
- Comptia
  - CCNA (Cisco certified Network Associate)
  - Comptia A+
- Elearn Security
  - Elearn Junior penetration tester

## CERTIFICATIONS / COURSES

- CEH (Certified Ethical Hacker)
- CCNA (Cisco Certified Network Associate)
- A+ (A+ Security)
- eJPT (Elearn junior penetration Tester)

## VOLUNTEER WORK

- Reported Vulnerabilities in Networks / LANs for 10+ Organizations .
- GDSC Core team Android Lead for the college (2022 - 2023)
- MIET Coding Club CyberSecurity Lead for the term.

## SKILLS

- **Languages** : C ,C++, C# , Python , Micro Python , Java , Javascript , HTML , CSS , PHP,SQL, Arduino , CMD / Powershell / TERMINAL Scripting .
- **Technologies** :Artificial Intelligence , Machine Learning , Android Studio , java Play , Arduino Pro Micro , Microsoft Visual Studio , AWS , Linux , Raspberry pi , Computer Networking , Penetration testing , APACHE2 , NGINX , OSINT Information gathering , Website(local and global) & Server(local) hosting , UI/UX Designing .

## PATENTS

- **SYSTEM AND METHOD FOR PROVIDING ARTIFICIAL INTELLIGENCE (AI)-BASED CYBER-HYGIENE FRAMEWORK** - 202211069581 · Issued Dec 2, 2022202211069581

## PROJECTS

- Security based Web Browser made in C# / dotNet Framework.
- Intelligent Security based Chrome Extension with a recommendation , site block advisory message and federated learning security framework functionality.
- Deployed Python , Arduino Scripts , Malware/viruses to communicate with different hardware and software of computer systems and retrieve their information for forensics .
- Created and hosted Surface web Apache2 and Deep web Nginx Local Internet servers .

## INTERESTS

Cybersecurity , Hackathons , Reading , Game Developments , Sketching , Hacking