

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 - Present):
 - Collaborated with Top college faculty including the college Director on a security based framework project .
 - Filed a patent on the idea and delivered the very first working version of the framework.
 - Writing research papers based on Federated learning models , New and real time Hacking methods for windows and Linux privilege escalation.
- 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 server multiple server instances for 5 startup companies and an NGO.
- Google Developers Student Clubs (Android Facilitator) - (Aug 2022 - Present)
 - Hosted 4 events for the Android compose camp organised by Google developer Students Club to an audience of 120+ students.
 - Made 4 beginner friendly apps in Kotlin to get the students started with the android development.
- KLIENT ASSIST Web Developer (Intern) - (Jul 2022 - present) :
 - 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 - Present)

EDUCATION

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

PATENTS

- **SYSTEM AND METHOD FOR PROVIDING ARTIFICIAL INTELLIGENCE (AI)-BASED CYBER-HYGIENE FRAMEWORK** - 202211069581 · Issued Dec 2 , 2022

RESEARCH PAPERS

- **AUTOMATIG RETRO GAMES USING REINFORCEMENT AND DEEP-Q-LEARNING MODELS. - IN COLLABORATION WITH - (ARJUN CHARAK) - 2022**
- **ANALYZING THE NETWORK TRAFFIC FROM A LOCAL AREA NETWORK USING THE CISCO PACKET TRACER (COLABORATORS - (ARJUN CHARAK , SHOBHIT KITCHLOO , SHAFIN SHOWKAT , ANIL KUMAR , SIDDHARTH BHAWANI) - 2022**

PROJECTS

- Intelligent Security based Chrome Extension with a recommendation , site block advisory message and federated learning security framework functionality.
- Security based Web Browser made in C# / dotNet Framework.
- A Search Engine - Duck duck go Clone (Web Development Project).
- Application for AICTE made in Java as well as in Kotlin.
- 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 .

VOLUNTEER WORK

- Reported Vulnerabilities in Networks / LANs for 10+ Organizations .
- Made a groceries app framework for a local retail store and got awarded with the lifetime supply of Redbull energy drinks.
- GDSC Core team Android Lead for the college (2022 - ...)
- MIET Coding Club CyberSecurity Lead for the term. (2020 - ...)

SKILLS

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

INTERESTS

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