AGATHAMUDI RAHUL NAIDU

IT Undergraduate at IIIT Allahabad.

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LinkedIn – https://www.linkedin.com/in/agathamudirahulnaidu/   **Bugcrowd** – https://bugcrowd.com/Agathamudi_Rahul_Naidu

EXPERIENCE

Freelance-Bug Bounty / VAPT.

- Conducted independent security research and improved novel defense techniques against code injection in web applications.
- Researched and improved novel defense techniques against XSS, Session Hijacking and Cross site request forgeries in web applications.
- Discovered and reported security loopholes to several companies through bug bounty programs.
- Wrote blogs about security loopholes in web applications and finding them.
- Building security tools to find security loopholes ASAP.

PROJECTS

Auto tool to find XSS in web applications.
MINI - Project: Jan (2021) - April (2021)

This is a tool which will find the cross-site scripting bugs in web applications.
- Tested on more than 50 web applications and found unique codes to inject.
- Learnt about input code sanitizations and firewalls.
- Made a request parser which can take raw http request.
- Technologies used: Burp suite, Python.

Tic Tac Toe game
Oct (2019) – Nov (2019)

- Built an Artificial Intelligence bot to play tic tac toe game by applying **Mini-Max** and **Alpha-Beta** pruning algorithm.

Implementing Aggregation in CTP Protocol in Contiki-OS
Course Project: Jan (2021) – Apr (2021)
- Did data aggregation to combine multiple payloads into one message to minimize the communication.
- Improved energy proficiency to extend the wireless network's lifetime.
- Technologies used: Contiki-OS, C.

ACHIEVEMENTS

- **Won best security contribution from IIIT Allahabad. Topic (Insecure direct object reference.)**
- **Listed on Dell's Security Researchers Acknowledgment page.**
- **Listed on more than 50 companies Hall of Fame's including Pinterest and Fireeye.**
- **Top 10 highest scorers in 45th National Mathematics Talent Contest.**
- **Completed IT Wizard Programming and Productivity in NIIT.**

TECHNICAL SKILLS

Programming Languages

- C/C++
- Java
- HTML
- Java script

Network Security

- Burp Suite
- Vulnerability Assessment.
- Web application bugs.
- Wireshark
- Socket programming

EDUCATION

B.Tech. IT
Indian Institute of Information Technology Allahabad
Aug 2018 – Present.
CGPA(Till 6th sem) - 6.76

Class XI-XII (Telangana State Board of Intermediate Education)
Sri Chaitanya Junior College
June 2016 – March 2018
Percentage – 86.

Class X (Telangana Board of Secondary Education)
Sri Chaitanya Techno School
April 2015 – March 2016
CGPA - 8.7.

POSITION OF RESPONSIBILITY

Cultural Secretary Student's Gymkhana

Executive Events and Management in Team Effervescence

Events executive at IIITA Info-Communication Incubation Center.