Aseem Shrey

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Experience

Intern (DevOps)   *Innovaccer HQ, Noida*
Innovaccer   *May '18 - July '18*
- Worked on creating health checks for the different applications, deployed throughout the company's application layer.
  These deployed endpoints returned metrics of the health of the different services in json which was then ingested into elastic search and displayed through kibana dashboards.

- A great experience and my first internship

Organizer - b00t2root CTF   *IIIT Allahabad*
Aparoksha, IIIT Allahabad   *2018*
- Organizer of the b00t2root CTF , a flagship event during Aparoksha 2018 (IIIT Allahabad's technical fest)

Organizer - TriHacker CTF   *IIIT Allahabad*
Effervescence 2016, IIIT Allahabad   *2016*
- Organizer of the TriHacker CTF, a CTF for IIIT Allahabad first year students.

Student Representative   *IIIT Allahabad*
Student Gymkhana , RGIIT Council, IIIT Allahabad   *Feb '16 - Feb '17*
- Elected member of the student council, IIIT Allahabad

Education

Indian Institute Of Information Technology Allahabad   *U.P*
B.Tech. in Information Technology   *July 2015 - PRESENT*
- CGPA - 7.77

Delhi Public School, R K Puram   *R K Puram, New Delhi*
Senior Secondary   *2012 - 2014*
- Affiliated to CBSE (Central Board of Secondary Education)
- Percentage - 89

Vidya Vihar Residential School   *Purnia, Bihar*
Secondary School   *2011 - 2012*
- Affiliated to CBSE (Central Board of Secondary Education)
- CGPA - 10

Projects

Social Network : v2.0 (django) , v1.0 (PHP)   *2nd Year*
Technologies used :   django , bootstrap, jquery / PHP (v1.0)   *2017*
- A basic social network, where you can send messages as well as friend requests to one another
- Earlier made it in PHP, then learnt django, and remade it

User Agent Switcher : Chrome Extension   *2nd Year*
Technologies used :   JS, HTML, CSS   *2017*
- As the name suggests. I was learning how chrome extensions work and the best way to learn is to do

Crashy Ball : Simple android game

TECHNOLOGIES USED : **ANDROID**

- Built the whole game engine from scratch
- **Game mechanics** was simple, hold the screen the ball would enlarge, but would increase the probability of getting hit by obstacles as the ball is constantly moving vertically on the screen and obstacles horizontally

Bug Bounties

Digilocker - A Government programme

2nd Year

Jan '16

- **Insecure Direct Object Reference (IDOR)** : It lead to compromise of all the **2.5B+** documents, reported to Govt. Of India. Responsible disclosure to the digilocker team.

Google

2nd Year

July '17

- **Authentication Bypass** : Found a way to post in google groups as anyone. Reported to Google however not awarded, as it was marked as "Duplicate")

Codechef

2nd Year

June '17

- **Clickjacking and Karma hyperfarming** : Reported to Codechef team awarded as per their policy)

Reverb

3rd Year

June '18

- **Hardcoded credentials in APK, lead to leak of private data of customers** : Reported to Reverb team, through hackerone platform awarded as per their policy)

CTF (Capture The Flag) / Hackathons etc

CTFs

2018	**1st Place**, (India), **7th Place** (world) nullcon CTF, organised by **Walmart Labs** & **VMWare**
2018	**20th Place**, DRDO 60 Cyber Challenge - CTF, organised by **DRDO**
2017	**1st Place**, Terminal Tragedy - CTF, organised by **NIT Trichy**
2017	**5th Place**, CSAW Finals (India Region), Organised by **NYU Tandon School of Engineering**, New York City
2017	**3rd Place**, CSAW Qualifiers (India Region), Organised by **NYU Tandon School of Engineering**, New York City
2016	**12th Place**, CSAW Finals (India Region), Organised by **NYU Tandon School of Engineering**, New York City
2016	**10th Place**, CSAW Qualifiers India Region organised by NYU Tandon School of Engineering, N.Y - CTF

HACKATHONS

Helping Hand

IIIT Allahabad

HACKINTHENORTH V2.0

2nd Year

- Made an app for social cause, integrating NGOs and **distributing waste food among the needy**
- **My Contribution** – Made the backend (the API) for the same using django
- Technologies used : **React Native** and **Redux** (For frontend)
  django (For backend)

Imsify

IIITA HACKS
- Made a webapp, which analysed user's mood based on the image she/he uploads
- **My Contribution** – Made the backend (the API) for the same using django
- Technologies used : **Clarifi API** - For image detection and automatic tagging
  Spotify API - To fetch playlist based on the tags

ETCS

1st Year   **2nd Place**,   IT Quiz

2nd Year   **2nd Place**,   **Backbone** (Aparoksha Backend Designing Event)

1st Year   **3rd Place**,   Coding competition (Intra campus)

Skill Set and Interests

Programming Languages

- Python, C, C++, JavaScript

Frameworks / Libraries

- django, VueJS, Bootstrap, jQuery etc
- metasploit framework, nmap, netcat, BURP suite etc

Skillset

- Bash scripting, Backend development (mostly in python)
- Web Exploitation, Reversing, Pwning

Interest

- Finding bugs in websites/softwares, playing CTFs etc
- Swimming, table tennis, volleyball