Chetanya Prakash Lahoti

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Sujangarh,Rajasthan,331507

EDUCATION

Vellore Institute of Technology   Bhopal, Madhya Pradesh

Btech in Computer Science and Engineering (specialization in cyber security and digital forensics); GPA: 8.16/10.0   *Expected May 2022*

Programming Coursework

- **CSE based:** Data Structures and Algorithms, Operating Systems, Computer Networks, Database Management System, Computer Architecture and Organisation, Secure Software Engineering, Theory of computation and compiler design, Cloud security concepts, Network Security
- **ECE based:** Digital Logic and Design, Microprocessor and Microcontroller.

Vimal Vidya Vihar   Ladnun,Rajasthan

Higher Secondary Education; Percentage: 77.00   *July 2015 - May 2017*

SKILLS

Software

- **proficient** : Java,Html5,Css,Sql,Javascript,Php,Firebase,React
- **familiar** : Python, XML, C++, Solidity, Assembly, Postgresql

Technologies: Web-app security, API, Blockchain, Django, Github, Jquery

EXPERIENCE

MP Police Internship   Bhopal,India

Software Engineer (Work from Home) Intern   *May 2020-June 20*

- Designed a web application to make use of police services remotely.
- Some services are kept unauthenticated such that anyone can use those and some need authentication.

PROJECTS

Upchar:

Aim of project was to give community service in sector of healthcare.

- UPCHAR app is initiative for people to know about our ancient Ayurveda, blood donation/availability, book doctor appointment and access the blogs and exercise service for healthy life style.

Chatty:

Chatty is a real time chat application which allow users to do chat with their friends.

- This web application allow group to communicate by sharing unique room code with their friends.

Vaccine-Tracker:

Aim of this application is to check availability of vaccine in their area.

- User need to supply his pin code and date.
- Our application will render information from Cowin Api in well formatted manner.

Buy-and-Sell:

The project is based on blockchain technology which allow users to exchange assets in secured manner.

- Worked on smart contract which allows to buy or sell items between users which are part of smart contract.
- The benefit of using blockchain technology in this project over normal technology is that it is decentralised.

CatchU:

Aim of project was to detect if file contain malware or not.

- The tool will browse file from system and it will first perform conversion of file to MD5 hash and compare it with malicious md5 hashes for malware from virus share.
- If File found malicious the tool will alert that file is malicious and give user option to remove it from system.

RESEARCH WORK

Security challenges for cookie based authentication in web app (*under review)*

- Demonstrated model regarding robust cookie authentication.
- How server need to issue, validate and flow cookies in website.