SANSKAR CHOUHAN

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EDUCATION

MEDI-CAPS UNIVERSITY, INDORE, MP, INDIA

2019 –2023

Bachelor of Technology – Computer Science and Engineering *cgpa - 8.98*

- *Core Subjects:* Operating Systems, Computer Networks, Database Management System, Data Structures, Computer System Architecture, Computer Graphics and Multimedia, Theory Of Computation and Software Engineering.
- *Elective Subjects:* Internet and Web technology, Cloud Computing, Cloud Security, Python Essentials, Programming with XML and Internet of Things.
- *Delivered seminars on:* Cloud computing and virtualization, Turing Machine (TOC), Types of Software Testing.

INTERNSHIP

INDIAN INSTITUTE OF TECHNOLOGY (IIT), INDORE *Indore, MP, India*

07/22 - 10/22

Intern under Faculty Mentor Dr. Neminath Hubballi in the area of Computer Networks and Security.

- Involved in Network Intrusion Detection, to detect if someone tried to access the network, to check for open and closed ports and also securing the network for unauthorized access.
- Learned OS Fingerprinting and ways to prevent it - Detecting the target operating system.
- Operating System and tools used - Kali Linux, Wireshark, Nmap

PROJECTS

ONLINE CAR RENTAL SYSTEM (TEAM)

- Led a team of 3 and developed a Web based application for renting cars. I was responsible for back end connectivity, user interface and assigning tasks to my teammates. We used HTML, CSS, JavaScript and MangoDB in the project.

SORTING ALGORITHM VISUALIZER (INDIVIDUAL)

- Designed a Web based sorting algorithm visualizer using HTML, CSS and JavaScript. Also added the controls to control the size of array and visualizer's speed and have displayed the complexities of algorithms listed.

PERSONAL PORTFOLIO (Github link - https://github.com/S-unny2001)

- A Web based Portfolio which displays all of my Certifications, Internships, Projects, Qualification and Contact details.
- Designed using HTML, CSS and JavaScript, hosted using Github and all the projects can be accessed from there.

SMALL PROJECTS (JavaScript based Individual Projects)

Image Editor - Allows you to select the image, edit it and download the result.

Word Guessing Game - Provides a number of guesses and hints to guess the word.

Typing Speed test - A simple typing speed test with different paragraphs.

SKILLS & CERTIFICATIONS

SHORT TRAININGS AND CERTIFICATIONS

- Python for Everybody, **Coursera**, **University of Michigan**, July 2020.
- Python Data Structure, **Coursera**, **University of Michigan**, July 2020.
- Programming Foundations with JavaScript, HTML and CSS, **Coursera**, **Duke University**, April 2021
- Summer Training in Web Development, **Techgyan**, **Abhyuday IIT Bombay**, May 2022.

COMPUTING SKILLS

- **Programming Languages:** C, C++, Python, HTML5, CSS3, JavaScript
- **Back end Language :** SQL
- **Additional Skills :** JSON, JQuery, Bootstrap, MangoDB
- **Operating System:** Windows, Linux

ACHIEVEMENTS

EXTRA CURRICULAR ACTIVITIES

- Leader of MUIEEE and active member of Innovation Club, University Clubs.
- Volunteered in the organizing committee of '**MOONSTONE**', the annual cultural fest of my University.
- Captain of Inter School Basketball team.

COMMUNITY SERVICE

- Volunteered for community services with **Rotract Club Mhow**, 2020