

Education

Central University of Haryana, India <ul style="list-style-type: none">B. Tech in Computer Science and Engineering CGPA: 9.24	2020-2024
MBLM International School, India <ul style="list-style-type: none">CBSE (Class XII) Marks: 93.4%	2019-2020
Shanti Vidya Niketan High School <ul style="list-style-type: none">HBSE (Class X) Marks: 92%	2017-2018

Skills

HTML5 | CSS | JavaScript | ReactJS | C++ | Python | C Programming | Data Structures | Algorithms | Git | OOPS | MySQL | Problem Solving | Microsoft Office | Good Presentation Skills | UI & UX | Machine Learning | Linux

Major Courses

Data Structures and Algorithm	Object Oriented Programming Using C++	Computer Networks
Database Management System	Analysis and Designing of Algorithms	Operating Systems
Theory of Computation	Compiler Design	Software Engineering
Machine Learning	Cloud Computing	Linux OS

Internships (Work Experience)

Infotrixx Technologies Private Limited Front-End Web Developer <ul style="list-style-type: none">Tech Used – HTML, CSS, JavaScript, ReactJS, Bootstrap and Version Control System.Got an opportunity to lead a team of 7 front end developers.Worked on real life issues and projects which improved the efficiency of hospital by 85%.Build a system (Medical Appointment Scheduler) for scheduling & managing medical appointments for doctors & patients.	24 June 2023 – 03 August 2023
Oasis InfoByte Web Developer <ul style="list-style-type: none">Worked on the allotted tasks using HTML, CSS and JAVASCRIPT.Roles & Responsibilities: Web developer, to design and develop web pages and websites.	October 2022
Technophilia Solutions Python Developer <ul style="list-style-type: none">Worked on python and Git and using python developed a tic-tac-toe and a racing car game.Created Word Editor using Python and Tkinter.	24 June 2022 – 10 August 2022

Research Work

- Implemented the research paper entitled “**Channel-Wise Homomorphic Encryption for Ciphertext Inference in Convolutional Neural Network**” under the guidance of Dr. Vishal Passricha.
- By understanding and analysing the requirements, implemented five algorithms for CHE Homomorphic Encryption namely Rotation Index Searching, Valid Index Searching, Chaotic Rotation Index Searching, FM2S and Vector-Matrix Multiplication.
- Worked on “Onion” computation scheme of CHE.
- Worked on CIFAR-10 datasets for checking the accuracy of predicated vectors and results.

Major Projects

- Community Empowerment Portal (Samjik Sashaktikaran App) | Ongoing**
 - Working on the scholarship app project under Government of India using **React.js**.
 - The project is completely divided into three sections. These are the jobs, scholarships and schemes. The complete description and details about all these will be available in the particular section.
 - This project will contribute all over the India and improve the efficiency and performance by 100%.
 - User will able to find all available schemes, jobs and scholarships at a single place in less time and with more accuracy.

2. CUH Student Portal (Web App) | [View Project](#)

- A student portal for students of Central University of Haryana where every student will get his data and record of complete graduation in segregated way. Made using **Reactjs, Material UI, JavaScript**.
- Features include login or signup in the portal. Academic Data, Examination Data, Hostel Data, Student's Personal Profile section will get displayed on login for a particular student.

3. Text Utils | [View Project](#)

- Created a user-friendly web application using **React.js** and **Bootstrap**.
- It offers text analysis and manipulation features including text case conversion, whitespace removal, text-to-speech, text copying, text clearing and previewing the text including the time to read and number of words available.
- Enhanced text formatting and accessibility for users, simplifying everyday text-related tasks

4. Medical Appointment Scheduler (Web App) | [View Project](#)

- A website for scheduling and managing medical appointments for doctors and patients using **HTML, CSS, JavaScript and Bootstrap**.
- Two roles have been added. Doctor and Patient. Doctors can manage the appointments according to their availability and patients can schedule the appointments.
- Implemented strategic initiatives that resulted in an 85% improvement in efficiency and work culture within the organization.
- Both, Doctor as well as Patients can see their personal profiles along with previous records and appointments. It also shows the facilities and motive that the organization is providing.

Academic and Extracurricular Activities

1. First position holder in **Zonal level debate competition**.
2. 5★ in C++ and 4 ★ in Python on Hacker Rank.
3. Conducted **intra university web development coding competition**.
4. **Social Media Head** of BytecodeLearners Coding Club.
5. **Vice President of Google Developer Student Club** 2022-23, Central University of Haryana.
6. Scored **9.78 CGPA** in 3rd Year of the degree.
7. **Class Representative** of B. Tech Computer Science and Engineering (Batch 2020-24).
8. Core Team Member of Advik 2k23 – Techfest organised by SoET.
9. **Overall CGPA:** 9.24
10. Qualified **TCS NQT** with 75% score in Cognitive Abilities and 60% score in IT-Programming.

Positions of Responsibility

1. BytecodeLearners Coding Club, CUH | Social Media Head

- Mentored and helped students in improving their coding and presentation skills.
- Monthly coding activities for students.

2. Google Developer Student Club (2022-23), CUH | Vice-President