

Mayank

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COMPUTER SCIENCE & ENGG. (B.Tech 4Y)

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EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	Bachelor's in Computer Science	Graphic Era Hill University, Dehradun	7.89 / 10
2019	CBSE, Intermediate (PCM)	Baluni Public School, Dehradun	71.6%
2017	CBSE, Matriculation	Holy Angel School, Dehradun	7.0/10

PROJECTS

Path Finding Visualizer Nov'22-Jan'23

- Designed and developed a web application for pathfinding visualization, implementing advanced algorithms such as **Dijkstra's algorithm**.
- Technologies Used: HTML, CSS, JavaScript, React.
- Received commendable user feedback for performance and usability.

Image Steganography Aug'22-Oct'22

- Developed an **Image Steganography Tool** utilizing **Python** and advanced image processing techniques, ensuring data security and integrity.
- Implemented robust **steganographic algorithms** including **Least Significant Bit Steganography**.
- Conducted **rigorous testing** and **debugging** to ensure reliability and security.

Online Code Editor June'23-Aug'23

- Built a single-page application using ReactJS, allowing users to write and compile HTML/CSS/JS code and view real-time results.
- Integrated an interactive UI for seamless user experience.
- Incorporated a feature that allows users to compile and view their code's output using a convenient API.

EXPERIENCE

SDE Assistant Intern || TBI-GEU April'24-Present

- Presently undertaking in a SDE Internship at TBI, I am fully immersed in mastering a diverse range of technologies. Through hands-on experience, I am sharpening my skills in Java, DBMS, Microservices, HTML, CSS, and React Js. This internship serves as a pivotal opportunity for me to refine my problem-solving abilities and gain practical insights into software development.

TECHNICAL SKILLS

Programming Languages	C++(Proficient), C, Java, Python
Web Development	HTML, CSS, JavaScript
Database	MySQL

CERTIFICATE

- AWS Cloud Practitioner Essentials**- AWS training and certification, Start Date:26/02/2024
- Cybersecurity Essentials**- CISCO, Sep2021
- Introduction to Packet Tracer**- CISCO, 9 Jul 2023
- Network Virtualization Concepts**- IT Academy, Nov2021
- Cloud Boot camp**- Google GeeksforGeeks, August28, 2023
- TCS iON Career Edge**- Young Professional, Start Date:26Jul2023

RELEVANT COURSEWORK

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|-----------------------------------|------------------------|----------------------|----------------|
| • Data Structures and Algorithms* | • OOPs Concept | • Operating Systems* | • Cryptography |
| • Database Management Systems* | • Software Engineering | • Web-Development* | |
- (* marked courses have a Laboratory Component as well)

STRENGTH

- Strong Problem-Solving Skills**
- Active Listener**
- Creative Thinker**
- Team player**