

Aastha Vashishtha

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ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Aug, 2022 - Present	B.TECH CSE(Cyber Security)	Graphic Era University Dehradun	8.90/10
2021	12 th , C.B.S.E	M G public school	93.40 %
2019	10 th , C.B.S.E	M G public school	95.00 %

PROJECTS

- **Resume Builder website** (Nov 2023 - Jan 2024) : Built to enable users to easily create professional resumes tailored to their specific needs and career goals as B.TECH minor project
- **Personal Expense Tracker** (May 2024 - nov 2024) : Develop a Personal Expense Tracker that allows users to record their expenses, categorize them, and generate analytics like monthly spending trends, category-wise distribution, and budget warnings.
- **Brain Tumor Detection Using VGG16** (Dec 2024 - Jan 2025) : Developed a deep learning model leveraging the VGG16 architecture to detect brain tumors from MRI images. Implemented transfer learning for enhanced accuracy, utilizing a Kaggle-sourced dataset with custom preprocessing pipelines. Achieved 92% accuracy, showcasing expertise in TensorFlow, Keras, and Python.
- **File Management System (OS-Based)** (Feb 2025 - May 2025) : Built a file management system simulating OS-level operations like file/directory creation, deletion, and permission control. Included user authentication with MFA and role-based access. Developed a user-friendly interface with dropdowns for managing files and access rights. Tech: JavaScript, HTML, CSS, javascript, python, OS concepts

TECHNICAL SKILLS

- **Languages** : C++ (proficient), C, python.
- **Frontend development** :HTML, CSS , Tailwind CSS , Javascript, React JS .
- **Backend development** :Node and Express.
- **Databases** : MYSQL , MongoDB.
- **Tools and Frameworks** : Bootstrap , Git and GitHub (Basic) .
- **Knowledge of subject** : Operating System , Computer Networking ,Cyber Security.

CERTIFICATIONS

- **NDE (Network Defense Essentials) Certified – EC-Council** Certified in NDE Hacking, demonstrating foundational skills in ethical hacking and cybersecurity practices.

SCHOLASTIC ACHIEVEMENTS

- **Graph-e-thon** Competed at Graphethon National Level Hackathon, demonstrating strong leadership and technical problem-solving skills.
- **SFI competition** Secured 3rd rank in Swimming state level competition in 10th class and received a cash price of INR 2000.