

## Devanshu Deshav

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## ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Sep, 2020 – Jun, 2024	B.TECH in Computer Science	Graphic Era University Dehradun	8.59/10.00
2020	12 <sup>th</sup> C.B.S.E	R.R sr. sec. public school	78.16 %
2017	10 <sup>th</sup> C.B.S.E	R.R sr. sec. public school	83.20 %

## PROJECTS

### • E-commerce :

Apr 2024

- Designed and implemented a comprehensive e-commerce platform using the **MERN stack** (MongoDB, Express.js, React.js, Node.js).
- Developed a **user authentication** system ensuring **secure** access, with distinct roles for **customers and administrators**, enhancing platform integrity.
- Registered customers can browse and purchase products, manage their orders, and view order history.
- Authorized** administrators can add, update, and delete product listings, manage inventory, and process orders efficiently..
- Leveraged **MongoDB** for **flexible data storage** and retrieval of product information and user data.
- Utilized **React.js** to create a **dynamic and user-friendly** frontend for product browsing and checkout.

### • Plant leaf disease detection using Mask R-CNN :

Jan 2024

- Developed a **Mask R-CNN** model for plant disease detection and classification.
- Implemented a custom dataset class for managing plant disease images and masks.
- Trained the model to identify and segment various plant diseases with **pixel-level** accuracy.
- Potential application in agriculture for **early disease detection** and **improved crop management**.
- Utilized libraries like TensorFlow, NumPy, and Mask R-CNN for deep learning and computer vision tasks.

### • Job Seeking Site :

Nov 2023

- Designed and implemented a comprehensive job-seeking platform using **React.js** for the frontend, **Node.js** for the backend, and **MongoDB** for efficient data management.
- Developed **user authentication** system ensuring **secure** access, with distinct roles for **job seekers** and **employers**, enhancing platform integrity.
- Registered users can view and **apply for active job** listings, **managing** and **deleting** their applications as needed.
- Authorized** employers can **post** jobs, **view** applicant profiles, and perform **CRUD** operations on job posted.

## TECHNICAL SKILLS

**Languages:** C, C++, Java, Python (familiar), HTML, CSS, JavaScript, SQL

**Developer Tools:** Visual Studio Code, Eclipse.

**Technologies/Frameworks:** ReactJs, SpringBoot.

## HOBBIES/BEHAVIOURAL SKILL

- Team Player, Disciplined, Travelling, Trading.