

Gaurav Garwal

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Education

Dehradun Institute of Technology, Uttarakhand
Master of Computer Application (MCA)

July 2023 - Present
CGPA: 7.77/10.00

Dehradun Institute of Technology, Uttarakhand
Bachelor of Computer Application (BCA)

June 2020 - June 2023
CGPA: 9.24/10.00

Ranked 1st in class and awarded Gold Medal for academic excellence

Experience

- **Celebal Technologies** June 2024 – Present
Summer Intern, DevOps Department, Remote
 - Collaborated with development teams to integrate CI/CD pipelines.
- **National Instruments (India) Pvt. Ltd.** Jan 2023 – June 2023
Software Technician Intern, Bangalore
 - Played a key role in optimizing and updating YAML configurations to streamline testing processes. I significantly contributed to the continuous integration (CI) pipeline by aligning it with project requirements using Microsoft Azure. Additionally, I developed and enhanced software features using Python and its frameworks, including automation scripts and data processing modules. I dedicated substantial time and effort to debug, test, and resolve complex software and hardware issues. This experience allowed me to master new frameworks and technologies, leading to improved project outcomes.
- **Aashman Foundation** Feb 2022 – Oct 2022
Group Manager, Remote
 - Prepared a variety of written communications, reports, and documents to ensure smooth operations.
 - Used coordination and planning skills to achieve scheduled results.
 - Planned and organized special events.
- **Viral Fission** April 2022 – Nov 2022
Youth Ambassador, Remote

Projects

- **Laboratory Analysis Report Generator** — (Python, SQLite3/MYSQL, Git)
Developed an automated report generator for Cattle Feed Factory, storing reports as PDFs.
- **Portfolio Front End** — (ReactJS, NodeJS, Git)
Created a personal portfolio landing page using ReactJS.
- **Task Management System** — (Java, Swing, SQLite, Git)
Developed a comprehensive task management system with a Swing-based GUI, including admin and user login functionalities, task creation, update, and deletion features, and database connectivity with SQLite.

Skills

- **Programming Languages:** Python, Java
- **Web Development:** HTML, CSS, React, JavaScript
- **Tools & Frameworks:** Linux, GitHub, ReactJS, NodeJS, ExpressJS, Git, MongoDB
- **CS Fundamentals:** Database Management System (DBMS), Object-Oriented Programming (OOP), Operating Systems
- **Non-Technical Skills:** Object-Oriented Design, Technical Documentation, System Development, SDLC, Competitive Programming, Effective Communication, Fluent in English