

# Pearl Bhutani

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## EDUCATION

### Graphic Era Deemed To be University

BTECH , Computer Science

Uttarakhand , Dehradun

Aug. 2021 – Aug 2025

### ST Mary's Sr Sec School

Science

Uttarakhand, Dehradun

March. 2020 – March 2021

## EXPERIENCE

### Web Development Intern

Novanectar Services Pvt. Ltd.

June 20, 2024 – Present

- Currently undergoing a 1-month internship focused on web development
- Worked on various web development projects, including creating landing pages using HTML, CSS, and JavaScript

## PROJECTS

### Web-based Task Manager / HTML, CSS, PHP, MYSQL , PHP

September 2023

- \* Created a web-based task manager to schedule tasks for upcoming dates or edit tasks based on completion.
- \* Implemented features like due dates, priority levels, task editing, and task deletion.
- \* Stored all to-do list data in a database, with user credentials stored in an encrypted format.

### Malware Detection / Python (Machine Learning, Cybersecurity) , DEEP LEARNING

August 2023

- \* Developed a model using machine learning and cybersecurity to detect the presence of malware with high accuracy and low error rates.
- \* Explored various models such as Logistic Regression, Random Forest, Decision Tree, and Gradient Boosting, and analyzed their accuracy.

### Spam Mail Prediction / Python (Machine Learning), TENSORFLOW

June 2023

- \* Developed a system to predict whether user-inputted mail was fake or genuine using various prediction models.
- \* Explored models such as Logistic Regression, Random Forest, Decision Tree, and Gradient Boosting, and analyzed their accuracy.
- \* Utilized machine learning models to accurately predict the truthfulness of mail based on user input.

### Library Management System / C++, DBMS , Python , PHP , JSON, JAVASCRIPT , MYSQL

October 2022

- \* Designed a menu-driven program for managing library resources and checking the availability of books.
- \* Connected the program to MySQL to maintain a database for librarians and students.

## TECHNICAL SKILLS

**Languages:** Python (proficient), JavaScript (proficient), C (proficient), C++ (proficient), SML, Prolog, HTML, SQL, PHP, Java, linux, unix **Frameworks:** React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI **Developer Tools:** Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse **Libraries:** pandas, NumPy, Matplotlib **Machine Learning Tools:** TensorFlow, Keras, scikit-learn **Other Tools:** MATLAB, LaTeX

## ACHIEVEMENTS

**Presented Research Paper:** Presented research paper on "Detection of Malware Attacks using Machine Learning Algorithms for Edge Computing-Based Networks" at the ICNSBT Conference **Hackerrank Certificates:** Gained Hackerrank certificates in Python, CSS, and MySQL **Published Research Paper:** Presented a research paper on "Detection of Malware Attacks using Machine Learning Algorithms for Edge Computing-Based Networks" at the ICNSBT Conference **Debate Competitions:** Participated in various debate competitions **Cybersecurity Courses:** Completed various courses on cybersecurity