

# LAVANYA GAUTAM

Delhi, India

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## Education

### Gautam Buddha University

*Bachelor of Technology in Computer Science*

Aug 2020 – June 2024

CGPA: 9.46

### Modern School

*Class XII*

April 2019 – March 2020

Percentage: 95

### Modern School

*Class X*

April 2017 – March 2018

Percentage: 88

## Relevant Coursework

- Data Structures
- Operating System
- Artificial Intelligence
- Design of Algorithms
- Computer Network
- Database Management
- Internet Technology
- Discrete Structure

## Technical Skills

**Languages:** Java, MySQL, JavaScript, Rust, Python, C, C++, PHP

**Development And Frameworks:** HTML, CSS, React.JS, Node.JS

## Experience

### Delhi Metro Rail Corporation

*Trainee*

June 2023 – July 2023

*Delhi, India*

- Dynamic DMRC Intern
- Implemented a dynamic internship program at DMRC, acquiring invaluable insights in urban transportation operations, planning, and management.
- Collaborated cross-functionally to enhance the TCMS system used in metros.
- Generated weekly progress reports to track milestones and keep stakeholders informed.

## Projects

### Sorting Visualizer | *HTML, CSS, JavaScript, ReactJS*



- Created a web application with HTML, CSS, and JavaScript to visually represent sorting algorithms like Bubble Sort, Selection Sort, and Quick Sort
- This educational tool significantly improved users' understanding of these complex algorithms.
- It underscores my capability to develop interactive and educational resources that enhance understanding of intricate processes.

### MyNewsApp | *HTML, CSS, JavaScript, ReactJS*



- a React-based news application that combines the power of React's component-driven architecture, efficient state management, and seamless integration with APIs to deliver a responsive, dynamic, and user-friendly platform for accessing the latest news
- Built with HTML, CSS, JavaScript, and ReactJS
- Showcased Web Development Expertise and Customer-Centric Design.

### Travel Advisor | *HTML, CSS, JavaScript, ReactJS, API*



- Created a web application with HTML, CSS, JavaScript and API's to visually help people travelling to new places.
- This innovative and user-friendly application is designed to provide crisp and efficient guidance to travelers of all kinds.
- It provides information about nearby restaurants, hotels, places to visit and much more.

### Text Utils | *HTML, CSS, JavaScript, ReactJS*



- Text Utils, a simple yet powerful text utilities project.
- With essential functions like word counting, word reversal, and word clearing, our project simplifies text manipulation tasks.
- Efficiently analyze and transform text with ease using Text Utils.

## Leadership / Extracurricular

### Competitive Programing

*Solved 300+ problems at different platforms.*

### CP LEAD

*GDSC- GBU*

- Championed a Competitive Coding Culture in University, Mentoring and Assisting Fellow Students to Excel.