

# ROHIT GUPTA

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## OBJECTIVE

I aim to utilize my skills in practical Data Structures and Algorithms, focusing on linear data structures and basic non-linear. Proficient in C++, I'm eager to contribute effectively to projects and enhance my capabilities in a collaborative work environment.

## EDUCATION

### Sister Nivedita University

Bachelor of Technology in Computer Science and Engineering , Sep 2021 – July 2025

CGPA : 8.59 (till 6<sup>th</sup> SEM)

### Kakdwip Shishu Shikshayatan High School

Higher Secondary , Science , 2021

Marks : 85%

### Sundarban Adarsha Vidyamandir

10<sup>th</sup> BOARD EXAM , 2019

Marks : 78.43%

## TECHNICAL SKILLS

- **Data Structures and Algorithms, Problem Solving, QA Testing**
- **Programming Languages:** C/C++, Javascript, C#, Python ,Shell Script, Go
- **Web Development:** HTML5, CSS3, Tailwind CSS
- **Databases:** Oracle SQL
- **Machine Learning & AI:** Machine Learning Algorithms, AI Algorithms
- **Tools:** Git, GitHub, Selenium, JIRA

## PROJECTS

### Smart Recycling Assistant(College Final Year Project)

- Developed a sustainable waste management solution using Python and image recognition technology.
- Built a machine learning model to classify waste into categories like hazardous, food, residual, and recyclable waste.
- Integrated recycling recommendations, disposal options, and geolocation for nearby facilities.
- Features an intuitive web interface for waste guidance, hosted locally.

### Tic-Tac-Toe Game

- Developed a two-player Tic Tac Toe game using HTML, CSS, and JavaScript, featuring real-time gameplay, turn indication, and a reset functionality.
- **PREVIEW:-** [link](#)

### Password Generator

- Created a secure password generator tool that enables users to generate passwords with customizable options (length, inclusion of uppercase/lowercase letters, numbers and symbols).
- **PREVIEW:-** [link](#)

### Quiz Web Application

- Built a responsive and engaging quiz platform with questions across multiple subjects. Implement features like dynamic question loading, instant feedback, and a real time scoring system , leveraging javascript for interactivity and tailwind CSS for responsive design.
- **PREVIEW:-** [link](#)

### GST Invoice Generator

- Developed a web application for generating and exporting GST tax invoices, enabling users to input customer and purchase details. Enhance operational efficiency for business and freelancers by providing an easy to use interface for invoice creation.
- **PREVIEW:-** [link](#)

## RELEVANT EXPERIENCE

### INDIGG

- Clan Chief (Nov 2022 – July 2023)

### OASIS INFOBYTE

- Web development and designing (Mar 2023 - April 2023)