

Rohan Chakravarty

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Education

Lovely Professional University

Bachelor of Technology in Computer Science and Engineering, Achieved a CGPA of **8.55/10**

Course Work: Object Oriented Programming, DSA, Computer Networks, Operating Systems, DBMS

Phagwara, Punjab

2022 – 2026

National Gems Higher Secondary School

CISCE, ISC,

Secured an overall percentage of **80.75%**, with a notable **92% in Mathematics**.

Kolkata, West Bengal

2022

Projects

[Queen's Quest](#) | [GitHub](#)

July 2024 – July 2024

- Developed an interactive N-Queen problem visualizer with a **responsive design** and **smooth animations** to illustrate the **backtracking algorithm**. Included features such as a **responsive navbar**, **hamburger menu** for mobile devices, and a pop-up message to enhance user engagement.
- Tech stack: **HTML, CSS, JavaScript**, and **Git**

Great Balancing Act | Cloud-Based Web Application

May 2024 – June 2024

- Developed a **full-stack web application** that displays real-time population data to raise awareness, on compute engine, incorporating features such as user authentication, data storage, and real-time updates.
- Set up and configured **Nginx** as the web server to handle incoming requests efficiently. **Configured cloud storage** solutions for **data persistence** and backups. Ensured application **scalability and availability** by utilizing cloud services.
- Tech stack: **MySQL, Nginx, Linux, GCP Compute Engine** and **Cloud Storage**

Evaluator System | [GitHub](#)

April 2023 – May 2023

- The project aims to store student examination marks details and perform operations such as **computation, updating, searching, and deletion** of these details. It utilizes **file operations** for storing student data. A unique feature of this project is its ability to **generate random** student IDs using the **current time as the seed**.
- Tech stack: **C, File Handling** and **Git**

Achievements

- Coding Profile:** 300+ problems on [@LeetCode](#) | [@Codeforces](#) | **2 Star** [@CodeChef](#) | [@GeeksforGeeks](#)
- Achieved** a rating of **1,718** on LeetCode Contest

Skills

- Programming Languages:** Java, C/C++, Python, JavaScript (ES6), SQL
- Developer Tools:** Git, GitHub, Bitbucket, Bash, Chat-GPT, VMware WorkStation, Hyper-V
- Cloud & Platforms:** Google Cloud Platform (GCP), Amazon Web Services (AWS), Linux (RHEL) and Windows
- Key Strengths:** Creativity, Teamwork, Collaboration, Problem-Solving and Adaptability

Certifications

- [Dynamic Programming, Greedy Algorithms](#), University of Colorado Boulder – 2024
- [Generative AI with Large Language Models](#), DeepLearning.AI – 2024
- [Introduction to Generative AI](#), Google Cloud – 2024