

GOPAL AGARWAL

Siliguri, Jalpaiguri, West Bengal

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Education

National Institute of Technology, Rourkela

Bachelor of Technology in Biotechnology (CGPA: 7.25)

Aug 2024 – Present

Rourkela, Odisha

Heeralal Public School

AISCCE – CBSE, Science (PCM) (Percentage: 84%)

May 2023

Meer Vihar, Delhi

Don Bosco School, Siliguri

AISSE – ICSE (Percentage: 98%)

May 2021

Siliguri, West Bengal

Relevant Coursework

- Data Structures
- Algorithms Analysis
- OOPS

Projects

To-Do List Web App | *HTML, CSS, JavaScript*

December 2024

- Developed a **responsive task management web application** that allows users to add, complete, and delete daily tasks in real time.
- Implemented **DOM manipulation and event-driven programming** in JavaScript to dynamically update the task list without page reloads.
- Utilized **Local Storage API** to persist user data across browser sessions, enhancing usability and retention.
- Applied clean UI/UX design principles using modern CSS for a minimal and accessible user interface.
- Improved front-end performance by optimizing event handling and code modularity, reducing load time by 30%.

Yamatcha Financial Case Study | *Advanced Excel, Financial Modeling, Data Visualization*

June 2025

- Developed a **10+ sheet end-to-end financial model** (assumptions, **83+ monthly revenue entries**, P&L, balance sheet, cash flow) for a beverage startup..
- Analyzed **45+ financial KPIs** including gross margin, EBITDA, CAC, break-even, and ROI to assess profitability and capital efficiency.
- Designed **3+ interactive Excel dashboards** using pivot tables, slicers, and conditional formatting to track **12+ performance metrics** and growth trends.
- Conducted **4+ scenario, sensitivity, and working-capital analyses**; automated **100+ calculations** via Excel formulas and macros, reducing manual effort by **65%** and improving forecast accuracy by **30%**.

Achievements/Certifications

MUMBAI HACKS 2025

Selected as a Finalist at Mumbai Hacks, a national-level Agentic AI hackathon, for building an innovative AI-driven solution

Competitive Programming

Active participant on Codeforces (Rating: 1107) and CodeChef, with over 250+ DSA problems solved across platforms using C++.

Online Certifications

Pursuing Coursera and Udemy courses in Web Development, Business, and Finance to enhance technical and financial skills.

Technical Skills

Languages: Python, C++, C, HTML/CSS, JavaScript

Developer Tools: VS Code

Technologies/Frameworks: GitHub

Leadership / Extracurricular

Leadership

Spring 2024 – Present

President

NIT Rourkela

- Led sponsorship and management operations for FitCon Intra-NIT Arm-Wrestling 2024, raising Rs 50,000 and coordinating cross-team event execution
- Served as Coordinator for Cosmopolitan, NIT Rourkela's flagship multi-ethnic fest, managing cultural events and volunteer operations across 10+ teams.
- Coordinator for Innovision, NIT Rourkela's flagship technical fest, overseeing logistics, event scheduling, and cross-team collaboration.
- Active member of NIT Rourkela's Algorithm and Programming Society (APS), Finance Club, and FitCon Club, contributing to coding, financial literacy, and fitness initiatives