

# RAJAT GARG

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LinkedIn: [Linkedin.com/rajatgarg2004](https://www.linkedin.com/rajatgarg2004) | GitHub: [Github.com/rajatgarg2004](https://github.com/rajatgarg2004) | Portfolio: [Portfolio Link](#)

## EDUCATION

- Punjab Engineering College** **December 2021 – June 2025**  
B.Tech, Electrical Engineering, CGPA: **8.42**  
Chandigarh, India
- St. Peter's Senior Secondary School** **April 2020 - April 2021**  
Grade 12, Percentage: **88.6%**  
Chandigarh, India
- St. Xavier's Senior Secondary School** **April 2018 - April 2019**  
Grade 10, Percentage: **92.8%**  
Chandigarh, India

## PROJECTS

### **Economic Load Dispatch (Minor Project) : [Link to Website](#)** **Nov 2023 - Dec 2023**

**Technologies used:** JavaScript, React, Apps Script Api, Chart.js, Excel

- Solved the problem of Economic Load Dispatch using Dynamic Programming.
- Developed a data-fetching mechanism through Apps Script API to gather Excel data for load generation analysis in India; enabled the team to forecast future load patterns with precision
- Meticulously utilised Chart.js to display the fetched data on the website.

### **Musophile : [Github Link](#)** **May 2023 - June 2023**

**Technologies used:** Node.js, Express.js, MongoDB, React, JavaScript, HTML, CSS and Spotify API

- Web-based App that fetches API data from **Spotify.com** based on the searched options of genre and playlist and displays them.
- Leveraged MongoDB in backend development to store user credentials and the address of songs.
- Additional functionality of playing songs from local storage.

### **E-Commerce Dashboard : [Link To Website](#)** **April 2023 - May 2023**

**Technologies used:** Node.js, Express.js, MongoDB, React, JavaScript, HTML and CSS

- Web-based App that Adds, Updates and Deletes products inserted by the same user only.
- JWT for authentication and authorization for secure information exchange between server and user.

## SKILLS

**Languages :** C++, Python, JavaScript, HTML, CSS, SQL, GraphQL

**Computer Fundamentals :** Data Structures, Algorithms, OOPS, OS, Database Management System

**Web Development :** Node.js, Express.js, MongoDB, React.js, Sockets, REST API, Tailwind CSS

**Tools :** MS-Excel, VS Code, Github, Postman, Git, MySQL Workbench, Chat-GPT

**Additional Skills :** Problem Solving, Communication Skills, Numpy, Pandas

## COURSES AND ACHIEVEMENTS

- Won 3rd Prize** out of **40 teams** in **Hack2Hatch Software Hackathon** conducted by **EIC, PEC.** (2024)
- Solved over 700 coding problems on LeetCode** and **achieved a rating of 1649** (2024)
- 4 Stars** at **CodeChef** with a remarkable rating of **1831**, demonstrating excellence by securing ranks such as **98** in **Starters 95**, **116** in **Starters 113**, **280** in **Starters 117** and **406** in **Starters 123** (2024)
- LinkedIn - Express Essentials: Node.js, Learning REST APIs and HTTP Essential Training** (2023)
- Hackerrank** - 5 star in C++, Python and Problem Solving (2023)
- Coding Ninjas** - Certificate of **Excellence** and **Completion** in DSA (2022)

## POSITION OF RESPONSIBILITY

- TCR - Career Development and Guidance Centre (CDGC)** (2023-Present)
- Executive Body - Student Counselling Cell** (2022-Present)
- Joint Head PECFest 2023-24, UDAAN-2023, Pre-Placement Training 2023**
- PECFest 2022-23 Marketing Subhead:-** Converted 3 deals with the total worth of 1.2 Lakhs