

# Rahul Sharma

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## Projects

### Weather-App / React Js

March 2025

- **Project Overview:** Built a fully responsive weather app with real-time weather updates and a 5-day forecast using OpenWeather API.
- **Tech Stack:** React, Tailwind CSS, ShadCN, OpenWeather API.
- **Features:** Current weather, recent search history, theme toggle, and optimized API calls.
- **GitHub:** [View Repository](#) | **Live:** [View](#)

### Sudoku-Solver / DSA Project (Backtracking Algorithm)

August 2024

- **Overview:** Developed a web-based Sudoku Solver to efficiently solve puzzles using the Backtracking Algorithm.
- **Algorithm:** Implemented a recursive backtracking approach for finding valid solutions.
- **UI/UX:** Designed an interactive grid-based interface with real-time updates for easy puzzle input and visual feedback.
- **Technology:** Built using HTML, CSS, JavaScript, ensuring a lightweight and responsive experience.
- **GitHub:** [View Repository](#) | **Live:** [View](#)

### My-Money / MERN Stack, Responsive Web Design

April 2024 - May 2024

- **Overview:** Built a full-stack expense tracker for managing budgets and tracking expenses.
- **Features:** Add/Delete expenses, view weekly/monthly insights with interactive charts.
- **Backend:** Developed secure REST APIs with Node.js & Express.js & data handling.
- **Frontend:** Built a responsive UI using React, ensuring smooth navigation and real-time updates.
- **Testing Relevance:** APIs tested with Postman
- **GitHub:** [View Repository](#) | **Live:** [View](#)

## Certifications

### Cloud Computing

December 2024

NPTEL — [\(View Certificate\)](#)

### Data Structures and Algorithms - Self Paced.

July 2024

Geeks for Geeks — [\(View Certificate\)](#)

### HTML, CSS, and JavaScript for Web Developers

April 2024

Coursera — [\(View Certificate\)](#)

### Server-side JavaScript with Node.js

April 2024

Coursera — [\(View Certificate\)](#)

### Programming in C++: A Hands-on Introduction

February 2024

Coursera — [\(View Certificate\)](#)

## Technical Skills

**Languages** C++, C, JavaScript

**Technologies & Frameworks:** React.js, Node.js, Express.js, Selenium, Postman, Git, GitHub, MongoDB

**Skills:** Data Structures & Algorithms, Problem-Solving, Backend API Development, CI/CD (Jenkins, GitHub Actions)

## Education

### Lovely Professional University

2022 – 2026

Computer Science and Engineering — **CGPA: 7.56**

Jalandhar, Punjab

### K.M Public School

2020 – 2021

12th with Science — **CGPA: 7.5**

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### Happy Public School

2018 – 2019

10th with Science — **CGPA: 8.4**

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