Rahul Mathpal

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Summary!

Computer Science student skilled in DSA, OOP, and MERN stack development. Built scalable web apps with React.js, Node.js, and MongoDB, deployed on Netlify and Render. Solved 300+ LeetCode problems; aspiring Software Engineer and Full Stack Developer.

Education

Graphic Era Hill University Bhimtal   *Sept 2022 – May 2026*
Bachelor of Technology in Computer Science

- GPA: 7.5/10
- **Relevant Coursework Skills:** Data Structures, DBMS, OOPs, Web Development , Problem Solving

Experience

Web Development Intern —Oasis Infobyte   *June 2023 – Aug 2023*

- BGained experience with **FastAPI and Docker**, enhancing deployment speed by **20%** for development builds.
- Built **5+ responsive landing pages** and **2+ mini web apps**, improving frontend performance and user experience.
- Improved understanding of frontend architecture and UI/UX principles

Projects

Movie Recommendation System   *Git-Hub* ☒

- Developed a dynamic full-stack movie recommendation app using **Node.js, Express.js, React.js, and TMDB API**, serving **real-time data for 10,000+ movies**.
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- Integrated RESTful services and JWT authentication, ensuring **secure and efficient data retrieval** with ¡300ms average response time.
  Tools : Node.js, Express.js, React.js, TMDB API, REST APIs, JavaScript, Render .

Music Player   *Git-Hub* ☒

- Developed an interactive music player using HTML, CSS, and JavaScript, implementing JSON-based playlist management and optimized DOM manipulation for fast rendering.
  Tools :HTML5, CSS3, JavaScript, JSON, DOM Manipulation, Responsive Design   .

Certification

Python Programming – ICT Academy (2023)

Technical Skills

Languages: C, C++, Java, JavaScript, SQL
Machine Learning: Numpy, Pandas , Matplotlib, Seaborn
Web Development: HTML5, CSS3, React.js, Node.js, Express.js, REST APIs, Tailwind CSS .
Tool & Platform: Git, GitHub, VS Code, Postman, Netlify

Achievements Extra-curriculars

Leetcode: Solved **300+ problems on LeetCode**, rated **1500+**,strengthening my problem-solving and data structures skills.

Participated in inter-college coding competitions and hackathons