

RAJ MOTWANI

NIT Raipur, Raipur, Chhattisgarh - India

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Education

National Institute of Technology(NIT) Raipur

Bachelor of Technology in Data Science & Mechanical Engineering

Dec. 2021 – May 2025

CGPA - 8.11/10 Till 4th Sem

Kendriya Vidyalaya Mahasamund

Higher Secondary PCM + Computer Science

Apr. 2007 – May 2019

10th - 10CGPA , 12th - 87%

Coding Profiles

- LeetCode (Knight 1860+)
- GFG

Experience

Urban Piper

SWE Intern

May 2024 – Aug 2024

Bengaluru, Karnataka

- Built a comprehensive testing platform for the Product, Platform, Integration, and QA teams to streamline the testing process for Urban Piper's renowned product, HUB.
- Developed a mock aggregator equipped with features to test specific workflows, including upstream and downstream integrations.
- This platform significantly enhanced the overall efficiency and workflow of the Engineering team.
- **TechStack:** *Python, MongoDB, fastAPI, React*

Girl Script Summer of Code

Open Source Contributor - GSSOC'23

June 2023 – August 2023

- Contribution to Projects using web technologies and Python (AI/ML Models).
- Worked on the specific project community and mentor to understand the requirements and vision of the project.

Projects

Traffic Prediction System (Link) | Python, Tensorflow, Keras, NumPy, Pandas, matplotlib

- A Collaborative Project for Western Digital Cerebrum hackathon 2023 (**Winners**).
- Predicted the traffic of a particular area at a particular time using historical data and the use of Deep learning models - RNN, GRU, and LSTM.
- Implemented model selection as per input given for better accuracy, used Generative AI, LLMs.

AbleGO (Link) | Flutter, Dart, MapBox API, RazorPay API, Firebase

- Cab booking app for disabled people. A Collaborative project for inDrive Hackathon 2023.
- Control app with voice-enabled, for enhancing accessibility for disabled people.
- User & Driver login both in one app with Driver training program integrated with the app.
- Features like Emergency SOS, PayLater, Emergency Contacts add/remove, Ride Scheduling options.

Rent-WHEELS (Link) | Typescript, ReactJS, TailwindCSS, Node/ExpressJS, GraphQL, NestJS.

- Full Stack Car booking website.
- A fully responsive car booking/renting website, GraphQL API and Nest JS are used for Car models.
- Add, remove, and update cars easily, admin and User Dashboard.

Skills

Programming Languages: C++, Python, SQL .

Coursework: Machine Learning, Data Science, Data Structures & Algorithms, DBMS, System Architecture, TCP/IP .

Developer Tools: Linux, Git, GitHub, Excel, Canva, Figma, LaTeX.

Technologies/Frameworks: Machine Learning (Python), HTML, CSS, JavaScript, React, NodeJS, MongoDB, Flutter.

Soft Skills: Problem-solving, Design, Complexity Analysis, Leadership, Event Management, and Marketing.

Achievements & Awards

- **Runnerup** of 30Hacks 2024 National Level Hackathon by Hitachi.
- **Winner of Western Digital (WD) CEREBRUM 2023**, National Level Hackathon at Bengaluru Campus Edition
- Google Codejam 2022 Country **Rank- 1088**.
- Problem Statement **Winner in Codeutsava 7.0** Annual Coding Hackathon by TCP NIT Raipur & **Qualified for SIH**.
- **LeetCode 1860+** Rating Knight Badge.
- Google Hash Code 2022 Qualification Global **Rank- 2428(Team Competition)**.
- GFG JobAthon 20 Rank - **346 out of 5000+** participants.
- Secured **11th position** in the Aptitude Test 1.0 Conducted by Sahyog-NIT RR with over **500 participants**.

Leadership / Extracurricular

TEDxNIT Raipur

Core-Coordinator

Jan 2023 – Present

NIT Raipur

- Successfully managed the annual event of the club - TED Talks 6.0 with 7 speakers from all over India including IPS, entrepreneurs, comedians, and photographers.
- Created various posters, standees, ID cards, and designs.