

DATTATRYA RAUT

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LinkedIn | LeetCode | GitHub | GeeksforGeeks

Professional Summary

Final-year B.Tech student and Full Stack Developer with hands-on experience in designing and building secure, scalable web and mobile applications. Proficient in Java, React.js, Node.js, Firebase, and RESTful API development. Skilled in front-end development, back-end development, database management, Data Structures and Algorithms, debugging, and API design. Committed to clean code, security best practices, performance optimization, and collaborative Agile development.

Skills

- **Programming:** C, C++, Java, Python
- **Web:** HTML, CSS, JavaScript, React.js
- **Backend:** Node.js, REST APIs
- **Tools:** Git, GitHub, Postman, VS Code, IntelliJ
- **Databases:** MySQL, MongoDB, Firebase
- **Soft Skills:** Teamwork, Time Management, Problem-Solving

Coursework

- Data Structures & Algorithms
- Database Management Systems
- Operating Systems
- Object-Oriented Programming
- Computer Networks
- Software Engineering

Education

Maharashtra Institute of Technology, Chh. Sambhaji Nagar

B.Tech in Electronics and Computer Engineering (CGPA: 7.92/10)

Expected Jul 2026

Government Polytechnic, Hingoli

Diploma in Computer Engineering Technology (CGPA: 7.99/10)

Jun 2023

Maharashtra Vidyalaya, Nilanga

SSC (Percentage: 84.00%)

Mar 2020

Projects

Farm Equipment Rental System

Jan 2025 – Mar 2025

React.js, Node.js, PostgreSQL, Razorpay API

Live Project 

- Built a full-stack rental platform with booking, online payments, multilingual UI, OpenStreetMap integration, and AI-based equipment suggestions.
- Developed secure REST APIs and optimized backend logic for real-time equipment availability and transaction safety.
- Implemented responsive design, accessibility best practices, and performance optimizations to improve UX.

College Recommendation System

Oct 2024 – Nov 2024

Python (Pandas, NumPy, scikit-learn), Flask/Streamlit, Excel

- Built a hybrid recommendation engine that ranks colleges using weighted user preferences (budget, location, branch) and cosine similarity on normalized features (fees, placements, NIRF rank, ratings).
- Engineered feature scaling and a scoring pipeline to generate top-N personalized recommendations with transparent rationale (key factors and scores).
- Exposed results via a minimal web UI with filters and CSV upload; designed modular code for quick dataset updates.

Certifications & Achievements

- Ranked #1 at institute level on CodeStudio
- Deloitte Data Analytics Job Simulation (Forage)
- Solved 400+ coding problems on LeetCode, HackerRank, and Codeforces
- IoT Bootcamp – National Institute of Electronics and Information Technology (NIELIT)