

RUTUJ RAUT

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EDUCATION

JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune	2022-2026
<i>Bachelor of Technology in Computer Engineering</i>	<i>CGPA: 9.42</i>
DSM College Jintur, Dist. Parbhani	2019-2021
<i>Higher Secondary Certificate from Maharashtra Board</i>	<i>Percentage: 97.67</i>
Jawahar Vidyalaya Jintur, Dist. Parbhani	2018-2019
<i>Secondary School Certificate from Maharashtra Board (10th)</i>	<i>Percentage: 93.6</i>

TECHNICAL SKILLS

Languages: C++, JavaScript, SQL, C, HTML, CSS

Databases: MySQL, MongoDB

Developer Tools: Git, GitHub, VS Code

Frameworks: React.js, Bootstrap, Express.js

Soft Skills: Leadership, Collaboration, Teamwork, Persistence, Communication

PROJECTS

BookBazaar <i>Node.js, Express.js, MongoDB, React.js, Redux, Tailwind CSS</i> Git	Jul 2025 – Aug 2025
<ul style="list-style-type: none">Developed core backend modules for an online bookstore using Node.js, Express.js and MongoDB, managing an inventory of 100+ books and processing over 100+ simulated transactions through the checkout process.Engineered a secure backend with JWT authentication, designing RESTful APIs to support an admin panel and enable 4 core CRUD (Create, Read, Update, Delete) functionalities for inventory management.Improved backend database (MongoDB) performance, achieving a 20% faster search speed via query optimization and enhanced intelligent search/filtering.	
NoteMaster <i>Node.js, Express, MongoDB, EJS, Bootstrap</i> Git	Mar 2025 – Apr 2025
<ul style="list-style-type: none">Created a full-stack note-taking application enabling secure data management (create, update, delete) for over 100+ notes and implemented search functionality that cut information retrieval time by 30%.Engineered a responsive user interface with EJS and Bootstrap, boosting user engagement by 25% and implementing efficient pagination to handle large datasets.Secured backend with session management and Google Authentication, ensuring 100% data integrity across all user accounts.	
WeatherNow <i>Node.js, Express.js, Handlebars, OpenWeatherMap API</i> Git	Nov 2024 – Dec 2024
<ul style="list-style-type: none">Built a real-time weather application integrating the Open Weather Map API to deliver up-to-the-minute weather data for 1000+ cities globally.Enhanced application performance, improving loading efficiency by 15% through optimized Handlebars templating and reusable UI components.Structured project with clear folder organization and managed a Git repository with 50+ commits, facilitating effective team collaboration.	

POSITIONS OF RESPONSIBILITY

Shaashwat Club, JSPM RSCOE	Jan 2023 – May 2025
<i>Active Member</i>	<i>Pune</i>
<ul style="list-style-type: none">Researched innovative omnidirectional wind turbines, identifying potential to improve power output by up to 40%.	
Competitive Coding, JSPM RSCOE	Aug 2023 – Sep 2024
<i>DSA Lead</i>	<i>Pune</i>
<ul style="list-style-type: none">Mentored 100+ programmers, fostering collaboration through coding sessions and peer mentorship.	

ACHIEVEMENTS

Competitive Coding Milestone	2022 – Present
<ul style="list-style-type: none">Solved 450+ LeetCode problems with a 300-day (and counting) coding streak, showcasing strong DSA skills.	
Winner: Logica 3.0	May 2024
<ul style="list-style-type: none">Secured First Place in Logica 3.0, a district-level project competition.	

COURSEWORK

- Data Structures and Algorithms, Object-Oriented Programming, Database Management System