

Roshan Tanpure

✉ tanpureroshan1119@gmail.com | ☎ 837 899 35 17 | 🌐 Github.com | in LinkedIn.com | </> Leetcode.com

Software Engineer with experience in frontend and backend development using ReactJS, Node.js, and MongoDB. Built scalable web applications, including a real-time solar radiation monitoring system with predictive analytics. Passionate about problem-solving and creating efficient, user-friendly solutions.

Skills

- **Languages:** Java (Core Java, OOPs), JavaScript, SQL
- **Frontend Development:** HTML, CSS, React.js, Tailwind CSS
- **Backend Development:** Node.js, Express.js
- **Databases:** MongoDB, MySQL

Work Experience

India Meteorological Department | Web Developer Intern – **Government**, pune July 2024 - Dec 2024

- Developed and deployed a web app for real-time and historical solar radiation monitoring, integrating predictive analytics to enhance data accessibility by 40%..
- Integrated a chatbot for interactive insights and personalized radiation risk analysis.
- Optimized backend processes and designed intuitive data visualizations, improving data retrieval speed by 20% and enhancing user experience

CNC WEB WORLD Technologies Pvt Ltd | Frontend developer – Offline, Pune Jan 2024 – Feb 2024

- Designed and optimized responsive user interfaces for multiple web applications, enhancing performance and reducing load times by 25%.
- Collaborated with developers to design and implement interactive UI components, leading to a 20% increase in customer retention.
- Assisted in the creation of responsive and visually appealing front-end designs using React.js, Tailwind .

Interview Mocha | Problem Setter Intern – Remote June 2023 – Oct 2023

- Designed and validated coding problems, contributing to test case generation for Data Structures and Algorithms assessments.
- Problems created on - Data Structures, Algorithms.

Education

Savitribai Phule University of Pune 2021-25
BE in Computer Engineering Bharati Vidyapeeth's College of Engineering CGP - 8.26/10

Personal Projects


Perscripto Project

- Developed a MERN stack Doctor Appointment Booking System with role-based authentication (Patient, Doctor, Admin), reducing appointment scheduling errors by 50%.
- Integrated a secure online payment gateway for appointment fees.
- Built an admin dashboard for managing doctors and appointments and improving workflow efficiency by 50%

Sears Project

- Created a MERN stack e-commerce application with a seamless and responsive shopping experience, increasing user engagement by 45%.
- Implemented secure user authentication and authorization to ensure data privacy and security.
- Enabled comprehensive product management features, including browsing, searching, viewing product details, and managing a shopping cart.

Achievement

- **2 Star** coder on Codechef with highest rating **1420 (top 0.98 percent)** on CodeChef.
- **Elite** medalist in **DSA** using Python **NPTEL** course conducted by Chennai Mathematics institute 
- **Elite** medalist in **Design and Analysis of Algorithms** using Java **NPTEL** course conducted by Indian Institute of Technology Madras 