

MANISH LAWHALE

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Education

Pune Institute of Computer Technology (PICT)

B.E. in Electronics and Telecommunications — CGPA: 8.56

June 2021 – July 2025

Pune, Maharashtra

Rashtriya Junior College

Class 12th — Percentage: 93%

June 2020 – May 2021

Achalpur, Maharashtra

Relevant Coursework

- Data Structures and Algorithms
- Object-Oriented Programming
- Database Management Systems
- Operating Systems
- Computer Networks

Projects

ACADEMIX | *REACT.JS, NODE.JS, EXPRESS.JS, MONGODB*



- Developed an edtech platform for instructors and students to post learning content and study materials.
- Implemented user authentication and authorization using JWT to ensure secure access control.
- Enhanced security by integrating OTP and email verification, reducing unauthorized access by 40%.
- Designed separate dashboards for instructors to monitor student engagement and performance.

VIBE | *REACT.JS, NODE.JS, EXPRESS.JS, MONGODB, SOCKET.IO*

- Built a real-time chat application supporting both personal and group messaging features.
- Implemented secure user authentication and authorization using JWT to safeguard user data.
- Integrated WebSockets for real-time messaging, ensuring instantaneous communication between users.

GRAPHICA | *REACT.JS, JAVASCRIPT, CSS*

- Developed an interactive visualizer to help users understand complex algorithms visually.
- Integrated visual representations of algorithms such as N-Queen, Dijkstra, and Kadane.
- Added smooth animations to highlight changes in data structures and illustrate algorithm steps.

Technical Skills

Languages: C++, Java, JavaScript, SQL

Developer Tools: VS Code

Technologies/Frameworks: React.js, Node.js, Express.js

Database: MongoDB, MySQL

Programming: DSA, Competitive Programming

Coding Profiles

- LeetCode: manishlawhale02
- CodeChef: manish72
- GeeksForGeeks: manishlawhale345
- TakeUForward: Manish07

Achievements

- Rated 1647 (3 Star) on CodeChef and 1650 on LeetCode
- Global Rank 21 out of 5.5k participants in CodeChef Starters 125 (Div3)
- Global Rank 151 out of 4.5k participants in CodeChef Starters 128 (Div3).
- Winner – Enigma WildCard (Intra-College Aptitude-Based Competition).
- Solved 500+ problems on various online judges like Codeforces, CodeChef, LeetCode, GeeksForGeeks, CSES combined.

Extracurricular

- Vice-Captain of the college cricket team.