

Shubham Sharad Tate

Software Engineer
Portfolio:Shubham Tate

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• • About

- PG-DAC graduate from C-DAC Hyderabad with a strong foundation in software development.
- Transitioned from Mechanical Engineering to IT with expertise in Java, C++ , React.js, and databases.
- Knowledge of Data Structures, Algorithms, OOPs, and Cloud Computing.
- Strong analytical and problem-solving skills with hands-on experience in full-stack development.

• • Skills Summary

- **Front-End:** React.js, Node.js, Express.js, HTML, CSS, JavaScript
- **Back-End:** Spring Boot, .NET, C++ , Web API, REST
- **Databases:** MS SQL Server, MongoDB
- **Tools:** IntelliJ, VSCode, Eclipse, Postman, Git

• • Projects

- **Restaurant Management Platform** PG Diploma
GitHub
 - Developed a web-based restaurant automation system using Spring Boot, React.js, and MongoDB.
 - The system manages menu customization, KOT (Kitchen Order Ticket) handling, billing automation, and real-time order tracking.
 - Optimized backend API response time by 40 percent, enhancing system efficiency.
- **Human Capital Management System (HCMS)** PG Diploma
GitHub
 - Built a role-based HR management platform with features such as employee data management, payroll automation, leave tracking, and task assignment.
 - Implemented JWT authentication and secure role-based access to ensure security.
 - Developed real-time dashboards for HR and employees using React.js and Spring Boot.
- **Self-Charging Electric Vehicle Prototype** BE Mechanical
 - Designed a self-charging electric vehicle integrating solar panels and regenerative braking.
 - Used CATIA for 3D modeling and SolidWorks for performance simulation.
 - Improved battery efficiency and vehicle range through energy optimization techniques.

• • Education

C-DAC Hyderabad, India PG-DAC; 61 percent	Aug 2024 - Feb 2025
RMD Sinhgad School of Engineering Pune, India Bachelor of Engineering - Mechanical; GPA: 7.75	Aug 2017 - Aug 2022
B.H. Chate School and Junior College, India Intermediate; 72.61 percent	March 2017
Shankarrao Butte Patil Vidyalaya, Junnar, India Matriculation; 89.60 percent	March 2015

• • Technical Certifications

- C Language - Phoenix InfoTech, Pune
- Python OOP - LinkedIn Learning
- C++ Language - EduComp Softech, Pune
- Java - EduComp Softech, Pune

• • Extra-Curricular Activities

- Mentor - Led Pune's largest Robotics and Automation workshop.
- Volunteer - Organized blood donation camp, raising over 50 pints.
- Social Welfare - Active in volunteering for handicapped students.