

# Ashutosh Thorat

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## EDUCATION

**PCET's Nutan Maharashtra Institute of Engineering and Technology, Pune** 2021 – 2025  
*B.E in Computer Science and Engineering - CGPA – 8.18*

**N.E.S. Science College, Nanded** 2019 – 2021  
*XII Maharashtra State Board – 92.33%*

**Pratibha Niketan Highschool, Nanded** 2018 – 2019  
*X Maharashtra State Board – 83.40% -*

## TECHNICAL SKILLS

**Languages:** C, Java, HTML5, CSS3, JavaScript, SQL, Basic Python

**Developers Tools:** Eclipse, VS Code, GitHub, Postman

**Technologies/Frameworks:** Bootstrap, React.js, Spring boot

**Relevant Course Work:** Data Structures & Algorithms, OOPS Concepts, Operating System, Database Management Systems (DBMS)

## PROJECTS

### Automated Timetable Generator | Python, Tkinter, SQLite | [Code](#)

- Developed an Automated Timetable Generator using Python, Tkinter, and SQLite with secure role-based login for Admin and Faculty.
- Built dynamic modules to manage teachers, subjects, classes, and students, with automated timetable generation and conflict-free rescheduling when faculty availability changes.
- Implemented robust CRUD operations and a user-friendly Tkinter interface for efficient management of academic data.

### Course Enrolment Manager | Core Java, OOP, File Handling | [Code](#)

- Developed a Core Java-based Student Course Registration System using OOP, enabling student, course, and enrolment management with validation and duplicate prevention.
- Implemented CRUD operations using Java Collections and added file-based persistence to save and load records across sessions.
- Designed a modular structure with separate domain, service, and persistence layers to ensure clean, maintainable code.

### Weather Forecasting Application | React, Weather API | [Code](#)

- Developed a responsive weather application using React.js.
- Integrated the app with the SheCodes Weather API
- API to fetch real-time weather data based on user location or search.
- Implemented dynamic UI updates to display temperature, weather condition, humidity, wind speed, and forecast.

## INTERNSHIP

### **CODSOFT**

Dec 2023 - Jan 2024

#### Web Development Intern

- \* During my internship, I gained valuable knowledge web technologies while collaborating with team members on various tasks. This experience enhanced my understanding of web development.

## CERTIFICATIONS/ACHIEVEMENTS | [Links](#)

- Data Structure and Algorithms -Firstbit.
- OOPS By Great-Learning - Firstbit.
- Solve 75+ DSA problems on Leet code.
- 4 stars in java on Hacker Rank.