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
Relevent 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.

Hospital Management System | Core java, JDBC, Mysql | Code
-Developed a **console-based Hospital Management System using Java and JDBC** to store and manage patient and doctor data in a relational database.
-Implemented features to **add patients and doctors, assign doctors to patients, and check doctor availability** using database queries.
-Gained hands-on experience with **JDBC (Connection, PreparedStatement, ResultSet)**, **OOP concepts**, and basic **SQL operations**.

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.