

Yash Thakur

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Education

Dr. D.Y. Patil Institute of Technology, Pimpri (Savitribai Phule Pune University)

Pune, Jun 2025

Bachelor's in Engineering, Artificial Intelligence and Data Science

Cumulative GPA: 8.45/10.0

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming (OOP), Database Management System (DBMS)

Skills

Programming: Java, C++, SQL, HTML, CSS, JavaScript, React.js

Back-end: Spring Boot, REST APIs, Microservices

Version-control & Databases: Git, Github, MySQL, Oracle SQL

Work Experience

Systems Engineer Intern

EdgeVerve (Finacle)

Pune

Feb 2025 – Jul 2025

- Investigated client-reported issues by analysing server logs, SQL queries, and application behaviour in the Finacle banking platform.
- Reproduced bugs in controlled environments, identified root causes, and collaborated with senior engineers for timely resolution.
- Prepared clear issue reports with technical observations, reducing debugging time for the L3 team.

Personal Projects

Organ Donation Platform

GitHub | Live Demo

- Built a multi-role organ donation web platform with JWT authentication and MySQL database for user and organ records.
- Developed a priority-matching algorithm tested on 50+ records, improving match efficiency and reducing manual search time.
- Created REST APIs supporting real-time organ matching and up to 20 concurrent users in test scenarios.

Quiz Application (Microservices)

GitHub

- Built a quiz app using 2 Spring Boot microservices with PostgreSQL backend handling 200+ questions and results.
- Integrated Eureka Server and Feign Client for service discovery and inter-service communication.
- Implemented unit testing and API validation to ensure reliable functionality for multiple concurrent users in test environment.

Reading Tracker

GitHub | Live Demo

- Built a reading tracker web app with session tracking, daily goals, and CSV export, using local browser storage for data management.
- Integrated Google Books API to search books with cover thumbnails and implemented responsive UI with light/dark mode support.

Leadership & Achievements

Technical Head

DSAIL Club

Aug 2023 – Jan 2025

- Mentored 50 students per weekend in DSA bootcamps, helping peers strengthen problem-solving and coding skills.
- Coordinated 5 development workshops led by senior members, managing logistics, scheduling, and participant engagement.

Awards: Ranked Top 1% among 200+ participants in Inter-College Coding Competition; Secured 3rd Place among 350+ participants in the Debugging Competition.