

Ananya Sharma

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Education

Bachelor of Engineering in Information Technology 2021–2025
Pune Institute of Computer Technology (PICT), Pune
CGPA: 8.7/10

Experience

Software Engineering Intern June 2024 – August 2024
CodeMatrix Technologies, Pune

- Developed microservices using **Java + Spring Boot**, improving backend performance by 18%.
- Integrated **MySQL** database models and optimized queries for faster response.
- Fixed 20+ bugs and enhanced code quality using OOP best practices.
- Worked in Agile environment with **Git**, GitHub, and Jira for collaboration.

Projects

ShopEase – E-Commerce Web Application
Java, Spring Boot, MySQL, HTML/CSS, Git

- Built product catalog, cart system, and user authentication.
- Created REST APIs for order and payment processing.
- Designed normalized database schema and implemented backend logic.

ChatSphere – Real-Time Chat App
Python (Django), WebSockets, Redis

- Created a scalable real-time messaging platform supporting group chats.
- Implemented message history, notifications, and presence indicators.

AlgoPlay – DSA Problem Simulator
C++, SFML

- Built interactive visualizations for sorting and graph traversal algorithms.

Technical Skills

Languages: Java, Python, C++, JavaScript
Core Skills: Data Structures & Algorithms, OOP, DBMS, Operating Systems
Databases: MySQL, PostgreSQL
Tools: Git, GitHub, Postman, Docker (basic)
Frameworks: Spring Boot, Django
Others: REST APIs, Debugging, Clean Code

Achievements

- Solved 450+ DSA problems on LeetCode.
- Winner of “CodeSprint 2024” college coding competition.
- Completed Oracle-certified Java Foundations course.

Profile Summary

Detail-oriented Software Engineer skilled in backend development, database design, and building scalable applications. Strong foundation in **Java**, **Python**, **C++**, DSA and OOP. Experienced in writing clean, maintainable code and working in Agile teams to deliver high-quality software.

Extra Activities

- Mentor at college coding club guiding juniors in DSA.
- Participates in hackathons and coding marathons.
- Writes technical blogs on Java and Spring Boot.