

# Ananya Sharma

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## Education

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

## Experience

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**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

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**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

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**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

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

## Profile Summary

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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

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