

Anjali Yadav

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SKILLS

- **Languages:** C, C++, Python, Java, Kotlin
- **Frameworks:** Selenium, TestNG
- **Tools/Platforms:** MySQL, Git, GitHub, Eclipse, Maven, Android Studio
- **Web Technologies:** HTML, CSS, JavaScript
- **Soft Skills:** Problem-Solving, Analytical Thinking, Communication, Adaptability

PROJECTS

Intelligent CPU Scheduler Simulator | [GitHub](#)

Mar 2025 - Apr 2025

- Developed a CPU Scheduling Simulator to evaluate and dynamically select optimal algorithms under varying workloads.
- Implemented FCFS, SJF, Priority, and Round Robin algorithms, built adaptive decision logic for algorithm selection, and created Gantt chart visualizations with waiting and turnaround time metrics.
- Enabled effective comparison of scheduling strategies and improved analysis of CPU utilization and process waiting time under different workloads.
- Tech Stack: Python, Data Structures

AI Chatbot and Seasonal Fashion Guide Website | [GitHub](#)

Feb 2025 - Apr 2025

- Created an AI chatbot using Python and NLP to understand user queries and provide seasonal fashion recommendations.
- Applied intent detection and context handling and integrated the chatbot with a web interface.
- Delivered instant responses and accurate fashion recommendations, improving accessibility and overall user experience.
- Tech Stack: Python, NLP, HTML, CSS, JavaScript

TRAININGS

Software Development Projects | [SkillCraft Technology](#)

Jul 2025 - Aug 2025

- Applied core concepts such as functions, loops, conditionals, DOM manipulation, and backtracking to build efficient logic.
- Enhanced user experience using real-time feedback, dynamic UI updates, input validation, and timers.
- Automated data extraction using Python and Selenium, handling dynamic web content and storing structured data.
- Tech Stack: Python, C++, HTML, CSS, JavaScript

Blood Bank Locator & Dispatcher | [LPU](#)

Jun 2025 - Jul 2025

- Designed and implemented a Blood Bank Locator and Dispatcher system using C++ and DSA concepts.
- Implemented array-based data storage along with a priority queue to efficiently organize donor records and prioritize urgent blood requests for faster dispatch.
- Tech Stack: C++, DSA

CERTIFICATIONS

- Privacy and Security in Online Social Media by NPTEL | [NPTEL](#) Nov 2025
- Software Engineering and Agile Software Development by Infosys | [Infosys](#) Jun 2025
- Social Networks by NPTEL | [NPTEL](#) Apr 2025

ACHIEVEMENTS

- Solved 200+ DSA problems on LeetCode & HackerRank, earned Silver Badges in C++ and Java on HackerRank for strong problem-solving and OOP skills.

EDUCATION

- **Lovely Professional University** Phagwara, Punjab
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.00
Aug 2023 - Present
- **Anglo Vedic Convent School** Sambhal, Uttar Pradesh
Intermediate – PCM; Percentage: 92
Apr 2020 – May 2022
- **Anglo Vedic Convent School** Sambhal, Uttar Pradesh
Matriculation; Percentage: 90
Apr 2018 – May 2020