

SAGAR PANWAR

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CAREER OBJECTIVE

Enthusiastic Computer Science undergraduate with a solid foundation in Java, data structures & algorithms, and software engineering principles. Experienced in developing efficient systems and full-stack applications with a focus on performance and scalability. Seeking an opportunity where I can apply problem-solving skills, contribute to impactful projects, and grow as a developer while delivering value to the organization.

INTERNSHIPS

Intern – Slog Solutions | Data Structures & Algorithms in C++

(June 2023 – July 2023)

- Completed a 45-day intensive DSA training, mastering key topics like arrays, linked lists, trees, sorting, and searching.
- Enhanced problem-solving skills by 40% through challenging coding exercises.
- Focused on Data Structures and Algorithms in C++, improving efficiency in problem-solving.

PROJECTS

Face Guard Attendance| (Github)

(Oct 2025 – Current)

- **Technology Stack:** Designed using Python and PyCharm.
- **Face Detection:** Implemented face detection using OpenCV and face recognition libraries.
- **Attendance Automation:** Automated attendance marking by recognizing faces in real-time.
- **Database Integration:** Integrated with a database to store and manage attendance records.

LRU Cache — Memory & Concurrent Variants| (Github)

(Aug 2025 – Sep 2025)

- **Technology Stack:** Java, Maven, JUnit, VisualVM.
- **Core Implementation:** Achieved O(1) get/put operations using HashMap and Doubly Linked List.
- **Advanced Features:** Added memory-budgeted and entry-count-based eviction policies.
- **Thread Safety:** Built a concurrent version with coarse-grained locking and performance profiling.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML, CSS

Developer Tools: Git, VS Code, PyCharm, Maven, JUnit

Core Competencies: Data Structures & Algorithms, OOPs, DBMS, Operating Systems, Computer Networks, Computer Architecture & Systems

CERTIFICATIONS

- Mastered Data Structures and Algorithms — Slog Solutions, 2023
- Full Stack Web Development (HTML, CSS, JS, React, REST APIs) — Simplilearn, 2025
- Advanced Data Structures and Algorithms in Java — Hitbullseye, 2025

EDUCATION

Uttaranchal University, Dehradun

2022–2026

Bachelor of Technology – Computer Science and Engineering - CGPA - 7.68 (Till 6th Semester)
Dehradun, Uttarakhand