

PRIYANSHU YADAV

Aspiring Software Developer

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SUMMARY

I am an aspiring Software Developer with a passion for C++ and a dedication to innovation. With over 5 years of experience in programming and proficiency in Data Structures, Algorithms, and Databases, I consistently work on projects to enhance my skills and push my boundaries in technology.

PROJECTS

Process Scheduler

Process Scheduling using C++

- Simulates preemptive and non-preemptive process scheduling algorithms, including First Come First Serve (FCFS), Priority-Based Scheduling (PRIO), Shortest Job First (SJF), and Shortest Remaining Time First (SRTF).
- Generates a Gantt chart of the processes along with idle CPU blocks.
- Calculates average turn-around time and average waiting time of the processes and also tell which algorithm is better.

Library Management System

Library Management System using C++

- Implemented a college registration system with admin and student logins, enabling secure role-based access to manage student records, modules, and grade tracking.
- Developed algorithms to calculate student averages, assign grades, and handle different module counts for undergrad students.
- Used text files to store records, with dynamic reading/writing and a temporary file system for updates.

EDUCATION

B.Tech in Computer Science and Engineering

BIT, Durg

📅 08/2021 - 05/2025 📍 Durg

- with a Specialization in Data Science

Class 12th : 86.6

DAV Public School, Chirmiri

Class 10th : 91.4%

DAV Public School, Chirmiri

KEY ACHIEVEMENTS

GATE CSE 2024 Score

Achieved a score of 448 in GATE CSE 2024

STRENGTHS

Technical Proficiency:

A deep understanding of Data structures and Algorithms along with a good command of Operating system concepts and experience working with Databases.

Problem Solving Skill:

Gained experience with problem-solving assessments during GATE exam preparation, enhancing the ability to apply concepts to solve complex engineering problems efficiently — a crucial skill for success in the software industry.

SKILLS:

Technical Skills :

C++

Data Structures

GitHub

HTML

CSS

Soft Skills :

Critical Thinking

Communication

Team work

Time Management

Creativity

INTERESTS

Interests

Enjoys singing, problem-solving, and watching movies