



Saurav Kumar

Roll No.: BTECH/10534/22

Production and Industrial Engineering

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LinkedIn Profile

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Birla Institute Of Technology , Mesra, Ranchi	67.2% (Current)	2026
Senior Secondary	L.S College , Muzaffarpur	81.00%	2021
Secondary	St. Joseph's Sr. Sec. School , Muzaffarpur	89.6%	2019

PROJECTS

- **We-care** june 2024
Dynamic and responsive full stack web application for medical facilities
 - Tech stack: MERN
 - Interaction between Patients and Doctors.
 - Feature include: Login/Signup for Doctors and Patients, online and offline appointments, find nearby Doctors, Audiovideo chat consultation.
- **CPU Scheduler** july 2024
Team Project
 - Supports multiple CPU scheduling algorithms: First Come First Served (FCFS), Shortest Job First (SJF), Shortest Remaining Time First (SRTF), Round Robin (RR).
 - User-friendly interface for adding processes with their arrival and burst times.
 - Dynamic visualization of scheduling results.
 - Calculation of key performance metrics: average turnaround time, average waiting time, and throughput.
- **Banking System** june 2024
Personal Project
 - Designed a C++ app demonstrating core banking actions through OOPs principles, effectively showcasing its real-world relevance in financial scenarios.
 - Equipped with functionalities like opening new accounts, checking balances, deposits, and withdrawals.

TECHNICAL SKILLS AND INTERESTS

- **Programming Languages** : Python, C/C++, Java
- **Developer Tools**: VS Code ,GitHub
- **Skills**: HTML, CSS, JavaScript, react.js, node.js, MongoDB, Express.js

SOFT SKILLS

- Communication
- Adaptability, Team management , Problem Solving

AREA OF INTERESTS

- Data Structures and Algorithms, Web Development, Artificial Intelligence and Machine Learning.

CERTIFICATION COURSES

- **NPTEL Online Certification in Education for Sustainable Development** jan 2024 - Apr 2024
IIT KGP

ACHIEVEMENTS

- Solved 200+ DSA problems across various platforms like LeetCode, CodingNinjas, gfg.,
- Ranked in the top 7 percent in JEE Mains Examination,