

Alok Kumar Singh

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SUMMARY

- Passionate and Career-oriented.
- Knowledgeable in Software Development Life Cycle principles.
- Highly motivated and committed to personal and professional growth.

EDUCATION

MCA | 2021-23 | CGPA: 8.02
JAGRAN INST. OF MANAGEMENT
Sept. 2023 | Kanpur, UP, India

BCA | 2018-21
DR. VSICS COLLEGE
Sept. 2021 | Kanpur, UP, India

XII(CBSE) | 2015-16
CHILDREN SR. SEC. SCHOOL

X(CBSE) | 2013-14
CHILDREN SR. SEC. SCHOOL

LINKS

GitHub: //aloksinghr65
LinkedIn: //aloksinghr65
GeeksforGeeks: //aloksingh
Portfolio: //aloktech

SKILLS

PROGRAMMING

Proficient :

- Java
- Python
- C
- MySQL
- Collection Framework

Familiar :

- C++
- Spring/SpringBoot

WEB DEVELOPMENT

- HTML/CSS
- Javascript
- ReactJs
- Bootstrap

KNOWN SUBJECTS

- Data Structure and Algorithms
- Database Management System

PROJECTS

PERSONAL WEBSITE (GitHub Repository)

- Created a professional online platform to showcase skills.
- The portfolio includes all the details of my projects and achievements.
- **Tech Stack**– React JS

HOSPITAL MANAGEMENT SYSTEM (GitHub Repository)

- Developed a Hospital Management System that efficiently manages patient records, appointments, and staff.
- Implemented features for adding, updating, and retrieving patient information, as well as scheduling and managing appointments.
- **Tech Stack**– Java and MySQL

CPU SCHEDULING SIMULATOR (GitHub Repository)

- Designed an interactive user interface to demonstrate various scheduling policies, including FCFS, RR, SJF and SRTF and analysing their performance.
- **Tech Stack**– Java

ATM SIMULATOR SYSTEM (GitHub Repository)

- Developed an ATM Simulator System using Java and MySQL, offering a realistic and secure banking experience.
- Implemented key banking functions such as account balance inquiry, funds transfer, cash withdrawal, and deposit.
- **Tech Stack**– Java and MySQL

DROWSINESS DETECTION (GitHub Repository)

- Developed an AI-based solution to monitor a driver's eyes and detect signs of drowsiness, contributing to road safety.
- Utilized machine learning models to analyze eye movement and alert the driver when fatigue is detected.
- **Tech Stack**– Python, Machine Learning

CERTIFICATIONS

2023	–	SQL, CSS, JAVA (HackerRank)
2023	AIR 42	CodeCombat 2.0 (CodingNinjas)
2023	AIR 941	CodeKaze (CodingNinjas)
2020	–	Core Java (NareshIT Hyderabad)
2023	–	Student Development Program, (E & ICT Academy, IIT KANPUR)