

Om Sood

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EDUCATION

VIVEKANANDA INSTITUTE OF PROFESSIONAL STUDIES

B.TECH IN IIOT

2021-2025 | Delhi, India

Cum. GPA: 8.448 (till 6th sem)

PRESTIGE CONVENT SCHOOL

Senior Secondary Education(PCM)

2019-2020 | Delhi, India

Secondary Education

2017-2018 | Delhi, India

LINKS

LinkedIn

LeetCode

GitHub

X

COURSEWORK

UNDERGRADUATE

Data Structures

Object Oriented Programming

Software Engineering + Practicum

Web Programming

Computer Networks and Internet Protocol

Database Management System

ADDITIONAL

Programming In 'C'

Machine Learning

Data Science

SKILLS

Programming Languages

•Java •Python (Basics) •C++

Web Technologies

•Spring Boot •HTML•CSS•React

Databases:

•MongoDB •MySQL

Others

•Git•GitHub •System Design

Proficient In

•JUnit Testing •Kubernetes •Docker

•JavaScript •Machine Learning •Artificial

Intelligence •IoT

HOBBIES

• Coding Contests

• Continuous Skill Development

• Exploring New Technologies

PROJECTS

PERSONAL FINANCE TRACKER | BACK-END BASED

Apr 2024 | Java, Spring Boot

- Created a CRUD application to manage income, expenses, and budgets, enhancing user financial tracking by 40%.
- Implemented secure user authentication, reducing unauthorized access by 95%.
- Optimized data storage using Spring Data JPA, improving query performance by 30%.

TO-DO LIST APP | BACK-END

Jun 2024 | Java, Spring Boot

- Designed a task management app with categorization, priorities, and deadlines, increasing task completion efficiency by 25%.
- Developed RESTful APIs for task operations, resulting in a 50
- Secured task data with user authentication, ensuring privacy for over users.

SUDOKU SOLVER | DATA STRUCTURES AND ALGORITHMS

Feb 2024 | Java

- Built a Sudoku solver using backtracking, solving complex puzzles in under 2 seconds.
- Applied arrays and hash sets for board validation, ensuring 100% accuracy in solutions.
- Demonstrated proficiency in Java, enhancing problem-solving skills through advanced algorithm design.

NON-INVASIVE GLUCOMETER | SMART INDIA HACKATHON

Sept 2023 | Embedded C++

- IDeveloped a non-invasive glucometer with NIR technology, providing 90% accurate glucose readings.
- Programmed real-time monitoring, reducing data processing time by 20%.

TRAVEL AGENCY SOFTWARE | PRACTICUM

Apr 2023 | HTML ,CSS

- Enhanced booking and mobile functionalities, improving agent efficiency by 15%.
- Crafted user-friendly interfaces for a travel agency software targeting Northeast India.

ACHIEVEMENTS

CERTIFICATE OF EXCELLENCE IN DSA AND SYSTEM DESIGN

Awarded by Coding Blocks (Hackerblocks) for excellence in Data Structures, Algorithms, and System Design.

ELITE CERTIFICATE IN JAVA PROGRAMMING

NPTEL(IIT Kharagpur).

WINNER OF WEB DEVELOPMENT COMPETITION

Recognized for exceptional web page design for the school.