SAKSHEE

Bhopal, Madhya Pradesh

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Education

VIT Bhopal University	**September 2022 - 2026**
Bachelor of Technology in Computer Science (GPA: 8.68/10.00)	*Bhopal, Madhya Pradesh*

Allahabad Public School and College	**July 2020 - July 2021**
12th Standard (Percentage Obtained: 94/100)	*Prayagraj, Uttar Pradesh*

Notre Dame School	**Apr 2018 - June 2019**
10th Standard (Percentage Obtained: 94.8/100)	*Badarpur, New Delhi*

Experience

SUMMER INTERN | NTPC (Link) (Github)

- Developed ReportAI, a full-stack MERN application that uses a chatbot to summarize PDF reports, answer user questions from document content, and highlight key differences between two uploaded files
- Engineered the platform as an individual project, designing the front-end, back-end API, and integrating the chatbot functionality.

Skills

- **Programming Languages**:C/C++, C#(Basics), Python(Basics), Java(Basics), JavaScript
- **Web Development**: HTML, CSS, Tailwind CSS, JavaScript, React.js, Express.js, Node.js, REST APIs
- **Tools and Platforms**: Git, GitHub, Canva, AWS, Postman
- **Databases**: MySQL, MongoDB, Oracle
- **Data Structures & Algorithm**: Solved 250+ problems on linear and non-linear data structures

Projects

Archive Quest - The Compressed Chronicles (GitHub)	**Aug 2025 - Sep 2025**

- Developed a text based RPG game engine where compression algorithms drive core gameplay mechanics, implementing Huffman compression with custom bit level file I/O for compressed inventory storage, quest text decoding, and dynamic world region loading
- Built a turn based combat system with compression efficiency based damage scaling, and implemented compressed save and load functionality for persistent and optimized game state management
- **Technologies: C++, Huffman Compression Algorithm, Bit Manipulation, Object Oriented Programming, Data Structures Priority Queues and Binary Trees, File I/O**

C Record Manager – Linked List Based System (GitHub)	**Sep 2025**

- Built a record management system in C using structures, pointers, and singly linked lists to dynamically add, delete, update, and search records in memory, strengthening core DSA and pointer concepts.
- Implemented malloc/free-based dynamic memory handling and modular functions with proper cleanup, along with basic file I/O to persist and reload records using formatted read/write operations.
- **Technologies: C, GCC, Linux (terminal)**

FocusMate - Personal Productivity Website (GitHub)	**Sep 2025**

- Built a comprehensive productivity suite featuring Pomodoro timers, drag-and-drop daily planners, and progress analytics with mood tracking to enhance time management and maintain consistent work habits
- Integrated gamification elements including achievement badges, streak counters, and visual progress dashboards to boost user motivation through personalized productivity insights
- **Technologies: React.js, Node.js, MongoDB, Express.js, Tailwind CSS, JWT Authentication**

Activities

**Core Member	MICROSOFT TECHNICAL CLUB, VIT Bhopal**	**Jun 2023-2024**

- Planned and executed technical events as Event Manager, handling logistics and coordination for 50+ participants.
- Successfully planned and delivered multiple large-scale technical events, ensuring smooth operations and positive participant experiences through effective team leadership and resource management.

Achievements

- Reached the National Semi-Finals in the **Flipkart GRiD 2025** engineering challenge
- Cleared two internal rounds of the **Smart India Hackathon (SIH) 2023**
- Was in **Top 1%** of the total candidates who appeared for the **NPTEL Cloud Computing Proctored Exam 2024**