

SAKSHEE

Bhopal, Madhya Pradesh

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Education

VIT Bhopal University

Bachelor of Technology in Computer Science (GPA: 8.68/10.00)

September 2022 - 2026

Bhopal, Madhya Pradesh

Allahabad Public School and College

12th Standard (Percentage Obtained: 94/100)

July 2020 - July 2021

Notre Dame School

10th Standard (Percentage Obtained: 94.8/100)

Prayagraj, Uttar Pradesh

Apr 2018 - June 2019

Badarpur, New Delhi

Experience

SUMMER INTERN | NTPC (Link) (Github)

- Developed ReportAI, a document-processing application that handles large PDF reports end-to-end, focusing on efficient file handling, backend processing, and reliable response generation.
- Designed and implemented RESTful APIs, request-response flows, and data handling logic with attention to memory usage, modularity, and debuggability while integrating the chatbot functionality.

Skills

- Programming Languages:** C/C++ (Proficient), Python (Basics), JavaScript (ES6+)
- Computer Science Fundamentals:** Data Structures and Algorithms, Operating Systems (processes, threads, memory management), Computer Networks (TCP/IP, OSI, HTTP/HTTPS, DNS, routing basics), DBMS concepts
- Networking:** TCP/IP model, OSI model, HTTP/HTTPS, DNS, ARP, DHCP, basic routing, TCP 3-way handshake
- Web Development:** HTML, CSS, Tailwind CSS, JavaScript, React.js, Express.js, Node.js, REST APIs
- Tools and Platforms:** Git, GitHub, Canva, Linux (basic commands), AWS
- Databases:** SQL, MongoDB, Oracle
- Data Structures & Algorithms:** Solved 250+ problems on arrays, pointers, linked lists, trees, recursion, hashing

Projects

C Record Manager – Linked List Based System

2024

- 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)

ReportAI (GitHub)

Aug 2025 - Sep 2025

- Developed an AI-powered document analysis platform that handles PDF uploads, server-side parsing, and response generation to provide intelligent summaries, contextual Q&A, and multi-document comparison.
- Implemented secure file upload, efficient backend request handling, and a responsive chat interface that maintains user session history and reduces redundant processing.
- Technologies:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, Gemini API

CareerHub (GitHub) (Live Link)

Sep 2025

- Developed a full-stack job board platform with comprehensive CRUD operations, enabling seamless job posting, filtering by category/experience level, and real-time content management through an intuitive admin panel.
- Implemented secure email integration with contact forms and newsletter subscriptions using Nodemailer over SMTP, with rate-limited endpoints and structured API communication for reliable client-server interaction.
- Technologies:** TypeScript, React.js, Node.js, Express.js, Tailwind CSS, Docker, JSON database with scalable architecture

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.
- Delivered multiple large-scale technical events, ensuring smooth operations and positive participant experiences through effective team leadership and resource management.

Certifications

The Bits and Bytes of Computer Networking — Google (Coursera) (Certificate Link)

Dec 2023

- Learned core networking fundamentals including OSI/TCP-IP models, IP addressing, CIDR, subnetting, routing, switching, DNS resolution, DHCP, and ARP.
- Gained practical understanding of packet flow, client-server communication, troubleshooting basics, and how real-world networks operate end-to-end.