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*

Experience

SUMMER INTERN | NTPC (Ongoing) (Link)
- 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**: Java, C/C++, Python, JavaScript
- **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, Postman
- **Databases**: SQL, MongoDB, Oracle

Projects

Quizzlie   Jan 2023
- Built a scalable Quizzlie website in a team of 3 with a Spring Boot backend, featuring user authentication and a dynamic quiz engine.
- Designed and developed a robust RESTful API utilizing Spring Boot to serve dynamic quiz questions from a categorized pool, process user-submitted answers with server-side validation, and calculate complex scores in real-time based on accuracy and speed, enhancing user engagement.
- Architected and implemented the persistent data layer using Spring Data JPA with Hibernate, efficiently modeling entity relationships (e.g., User, Quiz, Question, Score) to ensure strict data integrity, referential integrity, and optimized retrieval for user profiles, historical quiz results, and leaderboard statistics.
- **HTML, CSS, React, Spring Boot, Spring Security, Spring Data JPA, Hibernate, PostgreSQL, Maven, REST, JWT, Docker.**

Student Performance Enhancer (GitHub)   Apr 2024
- Developed and deployed a comprehensive student performance tracker to centralize and visualize academic progress and grades.
- Engineered a GPA forecasting tool that calculates potential outcomes and pinpoints areas for improvement.
- Created a user-friendly interface that minimizes data entry effort and provides immediate, insightful performance feedback.
- **Technologies: HTML/CSS, JavaScript, React.js, PHP, MongoDB**

Financial Expense Tracker (GitHub)   Apr 2025
- Architected and deployed a full-stack financial application to empower users to monitor income, track expenses, and manage budgets effectively.
- Integrated dynamic data visualization libraries to transform complex financial records into clear, actionable spending insights and identify fiscal trends.
- Designed an intuitive and secure user interface to streamline the transaction logging process and deliver immediate, holistic views of financial health.
- **Technologies: HTML, CSS, JavaScript, React.js, Node.js, MongoDB**

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**