

ARPIT SONI

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Career Objective

Motivated Computer Science engineering student with strong foundation in full-stack web development and cybersecurity fundamentals. Proficient in MERN stack, Java, and database management. Seeking entry-level opportunities to apply technical skills in real-world projects while contributing to innovative solutions.

Education

Bachelor of Technology in Computer Science Technocrats Institute of technology, RGPV Bhopal, Madhya Pradesh	2023-2027 7.78 (CGPA) (till 5 Sem)
Senior Secondary (CBSE) Pushp. Se. Sec. School Ashta 69.4%	2020
High - School (CBSE) Pushp. Se. Sec. School Ashta 76.6%	2022

Technical Skills

Programming Languages: Java, JavaScript, HTML/CSS. TypeScript.
Frontend: React, HTML5, CSS3, Next.js, React Flow, React Konva, Tailwind CSS
Backend: Node.js, Express.js, Socket.io
Databases: SQL, MongoDB, MongoDB Atlas
Tools & Platforms: Git/GitHub, VS Code, Salesforce, Microsoft Azure-900.

Projects

MovieWood (Interactive Cinematic Word-Guessing Game)

Tech Stack: React.js, Vite, Tailwind CSS, JavaScript (ES6+).

- Engineered a responsive SPA using React Hooks to manage complex game states, dynamic word masking, and physical/virtual keyboard events.
- Architected a custom 9-life strike engine that dynamically updates the UI on incorrect guesses and controls Win/Loss modal rendering.
- Implemented a risk-reward "Lifeline" state mechanism with strict validation, safely trading player lives for advanced hints without breaking game logic.
- Integrated a scalable JSON data structure with intelligent string parsing to auto-reveal punctuation and spaces across multiple media categories.

Canteen Management System

Tech Stack: Java, MySQL, Swing/AWT (GUI).

- Built a comprehensive management application to automate canteen operations including menu tracking, order processing, and billing.
- Designed a normalized relational database in MySQL with optimized queries to handle real-time inventory and transaction logs
- Leveraged Java's Object-Oriented Programming (OOP) principles to ensure accuracy in transaction validation and data integrity
- Developed a custom desktop interface focusing on intuitive navigation for high-traffic environments.

Certifications & Achievements

- Microsoft Azure Fundamentals AZ - 900
- NPTEL certificate in Introduction to Machine Learning

Additional Skills

Languages: English, Hindi (Native)
Soft Skills: Problem-solving, Team Collaboration, Communication.
Hobbies: Flute Playing, Anime, Cooking