

PALAK RATHORE

Web Developer | UI/UX Designer

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Academic

Bachelor of Technology in Computer Science Engineering

(2022–2026)

Sushila Devi Bansal College of Technology, Indore

Current CGPA: 7.45 out of 10

Higher Secondary Education – CBSE Board

(2022)

Percentage: 67%

Secondary Education – CBSE Board

(2020)

Percentage: 60%

Projects

Personal Portfolio Website

- Built a responsive website to highlight 6+ personal projects and technical capabilities.
- Enhanced LinkedIn profile visibility by 40% through a professional React.js-based design and layout.
- Optimized mobile compatibility, increasing user accessibility by 35%.

Voting-Based Web Application

- Engineered a full-stack voting system using **Node.js**, **Express**, and **MongoDB**.
- Implemented secure authentication, real-time updates, and role-based access with the help of a team.
- Enhanced participation tracking accuracy by 70%.

Angel AI Assistant (Full Stack Project-With Team)

(<https://github.com/satpalsingh939>)

- Built a voice and text-based AI chatbot with React.js, Node.js, Express.js, and MongoDB.
- Integrated Google Gemini API for natural language understanding and custom QnA logic for domain-specific queries.
- Designed RESTful APIs to handle text assistant, voice assistant, and custom interactions.
- Implemented authentication & middleware in Express.js for secure data handling.
- Stored and managed contact form, user data using MongoDB with Mongoose models.
- Used **environment variables (.env)** for API keys and database credentials to ensure security.
- Developed a **responsive**, animated UI using React + CSS Modules with loading states & dynamic components.
- Enhanced user experience by enabling **real-time actions** (open apps, links, WhatsApp, Calculator, etc.) via custom commands
- Ensured **scalability & fallback handling** for API failures (Gemini API quota exceeded → custom QnA fallback).
- Project showcased as a major industry-level solution for 24/7 virtual assistance.

Landing Pages (UI/UX Focused)

- Developed responsive landing pages for coffee shop, footwear, and a LinkedIn login page.
- Focused on visual hierarchy, grid layout, and mobile responsiveness for better usability.

JavaScript Projects

- Created dynamic tools including Weather App, To-Do List, Stopwatch , Color Prediction Game , Tic-Tac-Tao game.
- Implemented 85% **JavaScript** logic and 25% **HTML/CSS** layout

Technical Skills

- **Languages:** C, C++, Java
- **Web Development:** HTML5, CSS3, JavaScript, React.js, Node.js, Express.js
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, GitHub, Figma, VS Code
- **UI/UX Design:** Layout Design (Intermediate)

Soft Skills

- Teamwork,
- Communication
- Problem-Solving

Achievements

- Represented basketball tournaments as team leader, and district-level Kho-Kho competitions.

Certifications

- Programming in C & C++ (SSI- 2024)

Interests

- Basketball
- Travelling