

Nilesh Rana

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EDUCATION

Lovely Professional University

Bachelor of Technology (B.Tech) - 8/10

2023 - 2027

Army Public School

Senior Secondary (XII), Science (PCM) - 7.2/10

2023

PROJECTS

OptiSense AI

- Designed and developed a full-stack AI assistant platform using **Next.js, TypeScript, MongoDB, Tailwind CSS, and Clerk**. The platform provides 50+ pre-built AI assistants (e.g., code writer, email writer, tutor, fitness coach) and also allows users to create their own personalized AI assistants tailored for specific tasks. Features include a real-time chat interface powered by Google Gemini, responsive dark/light mode UI, and secure authentication with social logins. Integrated the **PhonePe payment gateway** for seamless Pro subscriptions and deployed the solution on **Vercel** for scalability.

Nilesify-Music-Player

- Developed a responsive music player using **HTML, Tailwind CSS, and JavaScript** with features like play/pause, next/previous track and real-time progress bar. Focused on smooth UI/UX and seamless audio playback. Implemented DOM manipulation and event handling to manage track changes and playback controls.

Tasky – To-Do List App

- Built Tasky, a clean and intuitive to-do list app using **React.js**, enabling users to add, delete, and manage daily tasks. Implemented component-based architecture, state management with hooks, and responsive design for a smooth user experience. Focused on usability and productivity.

SKILLS

- Languages: C++, Java, HTML, CSS, JavaScript
- Tools and Technologies: Tailwind CSS | Bootstrap MongoDB | ExpressJS | ReactJS | NodeJS Git & GitHub | VS Code | Vercel | NextJS

CERTIFICATE

Google

- The Bits and Bytes of Computer Networking

NPTEL

- Cloud Computing(score-75%)

Cipher Schools

- Full Stack Web Development

ACHIEVEMENTS

- Intern - Vasudev Kutumb NGO, contributed to community development projects promoting environmental awareness, girls' empowerment, and literacy. Organized workshops, campaigns, volunteer activities, and camps to drive positive change through value education.
- Solved 380+ LeetCode questions, demonstrating strong problem-solving skills.
- Member of GitHub Student Club LPU