

ARVIND SINGH

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PROFILE SUMMARY

Enthusiastic **Full-Stack Developer** skilled in the **MERN stack (MongoDB, Express.js, React.js, Node.js)** and **React Native** for mobile apps. Experienced in building **responsive web applications, real-time chat systems, and cross-platform apps**. Strong in **API integration, reusable components, and collaborative development**. Seeking to apply technical expertise to impactful products and grow in dynamic teams.

EDUCATION

CT Institute of Technology & Research, Jalandhar
B.Tech in Computer Science & Engineering

2022-2026
CGPA: 8

EXPERIENCE

Trainee – Frontend Developer | ThinkNEXT Technologies Pvt. Ltd. *Jun 2024 – Jul 2024*

- Completed structured **React.js training**, strengthening fundamentals in JSX, routing, and reusable components.
- Built mini-projects simulating industry workflows and improved practical problem-solving skills.

PROJECTS

Dev Collaboration App | MERN Stack, JWT, EC2, WebSockets

- Built a **full-stack collaboration app** with **user authentication, profile management, and chat system**.
- Implemented **real-time communication** using WebSockets for seamless developer interaction.

PathWiser – AI-Powered Learning Assistant | React.js, Node.js, Mermaid.js, APIs

- Developed modules for **AI pictography, study planner, personalized roadmaps, chatbot, and code debugger**.
- Used **Mermaid.js** for dynamic visual diagrams and **state management + routing** for seamless multi-module navigation.
- Focused on modular **UI design and state handling** to ensure smooth multi-feature navigation.

Student Management System | Python GUI

- Created a **desktop app** for CRUD operations on student records.
- Improved efficiency by adding **search and validation features**.

Online Course Platform | HTML, CSS, JavaScript

- Designed a responsive learning platform with interactive UI components.
- Enhanced UX through **clean navigation and mobile responsiveness**.

YouTube Clone | React.js, YouTube API

- Developed a **video streaming platform** with homepage, trending section, categories, and channel pages.
- Integrated **YouTube Data API** for fetching videos dynamically with search functionality.
- Optimized layout using **responsive design & reusable components** to ensure fast rendering.

SKILLS

Languages: JavaScript (ES6+), Python, C++, HTML5, CSS3

Frontend: React.js, React Router, Tailwind CSS, Responsive Design, DOM Manipulation

Backend & DB: Node.js, Express.js, MongoDB, MySQL

Mobile: React Native

Tools: Git, GitHub, VS Code, Postman

Other: API Integration, Debugging, Team Collaboration, Adaptability

ACHIEVEMENTS

- Top 10 Finalist**, Next Quantum 2.0 Hackathon (GGI) for PathWiser project.
- PSB Hackathon:** Developed a mobile learning assistant app.
- Won Appreciation Award**, Web Mania 2025 (Lyallpur Khalsa College) for innovative frontend project.