

# ARVIND SINGH

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## PROFILE SUMMARY

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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

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

2022-2026  
**CGPA: 8**

## EXPERIENCE

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**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

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### 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

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**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

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- **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.