

# ASHWANI RAI

MOHALI, PUNJAB | P: +91 7050440715 | [raiashwani151104@gmail.com](mailto:raiashwani151104@gmail.com) | [Portfolio](#) | [linkedin](#) | [GitHub](#) | [Twitter](#)

## SUMMARY

---

B.Tech (Information Technology) student skilled in full-stack development, modern web technologies, and scalable application design, with a strong focus on secure authentication, responsive UI, and efficient backend systems.

## PROJECTS

---

### BloodPulse

Blood Bank Management System Modern platform to streamline blood donation, inventory, and hospital requests.

Tech Used: React.js, Tailwind CSS, Node.js, Express, MongoDB

GitHub: [Link](#) | Live Demo: [Link](#)

- Built a full-stack system to digitize and automate blood bank operations.
- Secured platform with JWT-based Role-Based Access Control (RBAC).
- Designed a responsive UI for seamless donor and camp management.
- Optimized backend performance with scalable REST APIs and MongoDB.

### College ERP

Campus Management System Comprehensive platform for managing academic and administrative operations.

Tech Used: Python, Django, PostgreSQL, Bootstrap 5

GitHub: [Link](#) | Live Demo: [Link](#)

- Developed a full-stack ERP to digitize campus operations.
- Implemented secure RBAC for Admin, Staff, and Student portals.
- Streamlined attendance, results, and leave management systems.
- Designed a responsive, professional UI using Bootstrap 5.
- Optimized backend performance with efficient Django ORM queries.

### CareerBridge

Collaborative Job & Recruitment Platform A modern MERN stack platform for streamlining recruitment, developed in a collaborative team environment.

Tech Used: React.js, Node.js, Express, MongoDB, Redux, JWT.

GitHub: [Link](#) | Live Demo: [Link](#)

- Co-developed a full-stack job portal with real-time application tracking in a team setting.
- Secured user access using JWT and OAuth (Google/GitHub) with Role-Based Access Control.
- Built dynamic dashboards for Employers to manage job postings and Candidates to apply.
- Designed a responsive, glassmorphism-themed UI for an enhanced user experience.
- Optimized backend performance ensuring scalable REST API interactions.

### Smart Trip Planner

Cross-platform app for managing trips, itineraries, and expenses.

Tech Used: Flutter, Django, PostgreSQL

GitHub: [Link](#) | Live Demo: [Link](#)

- Developed a full-stack solution for real-time travel planning.
- Implemented secure JWT authentication and session management.
- Enabled offline data access with local storage caching.
- Created a responsive UI with smooth, custom animations.
- Optimized backend performance for scalable data syncing.

## TRAINING & INTERNSHIP

---

### ReactJS Development Training

[Certificate](#)

ThinkNEXT Technologies, Mohali — June 2024 to August 2024

- Gained hands-on experience in React components, props, state, hooks, and routing.
- Built responsive front-end apps using React, Bootstrap, and REST APIs.
- Learned Axios for API calls, and Redux for state management.

## EDUCATION

---

<b>Bachelor of Technology (B.Tech), Information Technology</b> Chandigarh Engineering College, Landran, Mohali	<b>Expected Graduation: 2026</b>
<b>Senior Secondary (Class 12th), Science Stream</b> K.N.S. College, Buxar – BSEB	<b>2020 – 2022</b>
<b>Matriculation (Class 10th)</b> MD Carmel School, Bihia – CBSE	<b>2018 – 2020</b>

## SKILLS AND CERTIFICATIONS

---

**Languages:** SQL, PHP, JavaScript, HTML/CSS, Python, Java

**Frameworks & Libraries:** React, Next.js, Redux, Node.js, Tailwind CSS, Bootstrap

**Databases & Backend Services:** MongoDB, MySQL, Supabase

**Tools & Platforms:** Firebase, Git, GitHub, VS Code

**Languages Known:** Fluent in English, Hindi

**Certifications:** [Data Science & Analytics\(HP Life\)](#), [ReactJS Development \(ThinkNEXT\)](#), [SQL for Data Analysis \(Udemy\)](#), [AWS Cloud Engineering \(AWS\)](#), [Android Development \(Udemy\)](#), [Angular Development \(Infosys Springboard\)](#)

## LEADERSHIP / OTHER INITIATIVES

---

### Portfolio Deployment & Tech Community Building

- Helped juniors deploy their own portfolios using GitHub Pages.
- Active member in college tech group for open-source discussions and ReactJS mentorship.

### Co-curricular Activities & Technical Engagements

- Completed a **Skill Development Programme** on **Building UAVs and Machine Learning Models**, organized by **CEC Mohali** in collaboration with **IIT Hyderabad** [\[Link\]](#)
- Took part in **Smart India Hackathon (SIH)**, contributing to real-world problem-solving. [\[Link\]](#)
- Participated in college-level project display events showcasing technical skills and innovation. [\[Link\]](#)
- Attended a **2-day Drone Workshop** organized by AIC RISE Association and Chandigarh Engineering College (CEC). [\[Link\]](#)

