

# Utsav Mandhani

✉ utsav2929@gmail.com ☎ 6264320685 📍 Indore India 🔗 <https://www.linkedin.com/in/utsav-mandhani>

🔄 <https://github.com/Utsav2929> 🔗 <https://utsav-mandhani.vercel.app/>

## 📁 PROFESSIONAL EXPERIENCE

### Metafic | Software Developer | August 2024 - July 2025 (Internship + FullTime)

- Designed and deployed scalable applications in agriculture, education, and workforce management, leveraging **Spring Boot, Java, React, Node.js, and MongoDB**, impacting **5K+ active users** across multiple platforms.
- Developed **50+ RESTful APIs**, implemented **role-based access control (4+ distinct roles)**, and built **dynamic UIs** for projects like **ALLIN**, **Caprics**, and **Kowork**, improving **system efficiency by 35%** and **multi-role accessibility**.

### Institute of Engineering & Technology DAVV | November 2023 - April 2024 ( Internship )

#### Full-Stack Developer | Tech Stack: React, Node.js, MySQL, OAuth 2.0, Gmail API, Google Admin SDK

- Notice Synchronization System** : Built a **full-stack notice-sharing platform** with **template creation**, integrating **Google Admin SDK + Gmail API** to deliver notices to **1K+ users**, with **real-time sync from Google Workspace**.
- Student Feedback System**: Developed a **secure, role-based feedback platform** with **3 portals (Admin , Teacher , Student )**, enabling **2K+ students** to submit feedback. Built **analytics** dashboard, boosting **efficiency by 40%**

## 🧩 SKILLS

- Programming Languages**: JavaScript (ES6+), TypeScript, Java, Kotlin, C++
- Frontend Development**: React.js, Redux, Tailwind CSS, Material UI, HTML5, CSS3
- Mobile Development**: Android SDK, Jetpack Compose, XML, React Native
- Backend Development**: Node.js, Express.js, Spring Boot
- Database Management**: MongoDB, MySQL, PostgreSQL, Firebase
- Tools & Platforms**: Git, GitHub, VS Code, Postman, Docker, Firebase, etc.

## 📁 PROJECTS

### ALLIN

Full-Stack Developer | TechStack: Spring Boot, Java, Hibernate, MySQL, JSP, Bootstrap, MVC, Android (Java)

- Developed a platform to support farming communities across India, enabling collaboration, financing, and region-specific adaptability by connecting farmers, agents, and buyers.
- Designed and implemented a scalable **Spring Boot API** integrated with **MySQL** and **Hibernate** for Android applications, and built a multi-role admin panel using **JSP, Servlets**, and **MVC architecture** with **Bootstrap** for UI.

### Caprics

Full-Stack Developer | Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js)

- Architected and maintained full-stack features using the **MERN stack**, implementing **role-based access control** and dynamic user interfaces tailored to different user roles (admin, school, student).
- A platform that empowered multiple schools to register, with centralized admin-managed permissions; enabled schools to access courses, academic modules, and other learning activities.

### LegalConsent

Mobile App Developer | Tech Stack: React Native CLI, Firebase

- Engineered a consent-sharing app with QR-based transmission, enabling users to declare health and activity conditions (e.g., STD status, intoxication, consented acts).
- Incorporated dynamic consent forms with customizable STD options, sexual activity types, and partner acceptance tracking via Firebase.

### Kowork

Full-Stack Developer | Tech Stack: MERN, Refine.dev , Google Gemini API (AI)

- Built a platform for companies to register, onboard employees, assign them to projects, and track their involvement, using MERN and Refine.dev .
- Utilized a questionnaire-based risk scoring system, integrated with Gemini for generating project summaries, and enabled PDF report downloads.

## 🏆 ACHIEVEMENTS

### Smart India Hackathon (SIH-2023) --Finalist

- Built a **real-time analytics dashboard** for the **PGRKAM website** in a **36-hour hackathon**, tracking **5k+ user interactions** (behavior, demographics, accessed pages) using **Socket.io** and **Google Analytics**.
- Implemented **advanced recommendation algorithms** to deliver **personalized job suggestions**, improving **user engagement by 30%**.

### Smart India Hackathon (SIH-2022 ) -- Finalist

- Developed a **self-care Android app** tailored for **school & college students**, offering **age-specific features** like ChatBot, menstrual tracking, to-do lists, and wellness activities.
- Surveyed 200+ students** and analyzed **10 competitor apps** to design a solution aligned with target audience needs, enhancing **usability & engagement by 40%**.

## 🎓 EDUCATION

### BE - Computer Engineering

Institute Of Engineering And Technology  
8.2 CGPA

2020 – 2024  
Indore, Madhya Pradesh