

# Dhruv Hedao

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## EDUCATION

**VIT Bhopal University**  
BTech in Computer Science Engineering  
CGPA: 8.62

Bhopal, India  
Aug 2023 – May 2027

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C++, JavaScript, SQL  
**Web Development:** HTML, CSS, JavaScript, React.js, Responsive Design, DOM Manipulation  
**Data Science & ML Tools:** Pandas, NumPy, Matplotlib, TensorFlow, Scikit-learn, XGBoost  
**Software & Design:** Git, GitHub, Canva, Adobe Photoshop, Microsoft Excel, PowerPoint, Figma, Android Studio  
**Concepts & Fundamentals:** Data Structures and Algorithms, Object-Oriented Programming (OOP), Relational Databases (DBMS), Operating Systems, Networking (OSI, TCP/IP)  
**Certifications:** Data Structures & Algorithms (PW Decode 2.0), Android Development Internship (Imarticus Learning), Networking Fundamentals (Google, Coursera), Web Development (Udemy), Aptitude Challenge (Code2Career)  
**Soft Skills:** Team Leadership, Communication, Event Management, Time Management, Critical Thinking, Problem-Solving

## EXPERIENCE

**Imarticus Learning** May 2025 – Jun 2025  
*Android Development Intern* Remote

- Built and deployed 3+ fully functional Android apps using **Java** and **Kotlin** with 100% code completion and test coverage.
- Designed user-friendly, responsive UIs using **XML**, **Constraint Layout**, and **Material Design**, improving usability by 40%.
- Integrated REST APIs with **Retrofit** and handled local storage via **SQLite** for persistent data.
- Applied **MVVM architecture** to ensure scalable and maintainable code with improved code reusability.
- Collaborated with a 5-member team using **Git** and **Agile methodology**, enhancing workflow efficiency.

## PROJECTS

**Life Link – Blood Donor System** Jul 2025  
*Tech Stack: HTML, CSS, JavaScript*

- Developed a real-time blood donation portal used by 100+ test users to connect donors and recipients in emergencies.
- Designed intuitive UI with advanced search and notifications, enhancing user accessibility and reducing search time by 60%.
- Implemented complete user workflows including donor registration and emergency broadcast system.

**Chemical Compound Analysis using Machine Learning** Apr 2025  
*Tech Stack: Python, XGBoost, Scikit-learn, Matplotlib*

- Trained a predictive model on 1000+ compound records, achieving 87% accuracy in risk classification.
- Utilized **XGBoost** and **F1-score** to fine-tune model and validate results for real-world datasets.
- Visualized trends and decision boundaries using **Matplotlib**, improving explainability.

## LEADERSHIP AND VOLUNTEERING

**National Service Scheme (NSS) – VIT Bhopal** Jan 2022 – Jan 2023

- Core member of NSS team; organized 5+ events impacting 300+ students and community members.
- Spearheaded the **Mega Tree Plantation Drive** (Aug 2024), overseeing 150+ saplings planted across campus.
- Led digital literacy workshops for 100+ rural students, enhancing local education and social responsibility.

**Hostel Committee – VIT Bhopal** Nov 2024 – Jun 2025

- Elected **Floor Representative**; managed communication and support for over 120 students.
- Planned and executed a hostel event with **2500+ participants**, leading a 10-member organizing team to handle logistics, crowd control, and engagement.
- Strengthened event planning, leadership, and multitasking skills under pressure.