

# KALPAK KULKARNI

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## EDUCATION

<b>Vidyalankar Institute of Technology (2022-2026) CGPA: 9.21</b> <i>Bachelor of Technology (B.Tech) in Information Technology</i>	<b>Mumbai, India</b> <i>Aug 2022 – May 2026</i>
<b>Higher Secondary School Certificate</b> <i>Maharashtra State Board of Higher Secondary Education (2020-2022)</i> <i>Percentage: 89.00%</i>	<b>Palghar, India</b> <i>Aug 2020 – May 2022</i>

## PROJECTS

**Ride Buddy |** *(HTML, CSS, JavaScript, React.js, MongoDB, JWT, GitHub)*

- Developed a **secure carpooling platform** with **JWT-based authentication**.
- Designed a **NoSQL** database to manage user profiles and ride bookings.
- Integrated **dynamic ride-matching algorithms** based on **location and timing**.
- Enabled **seamless payment processing** through **API integration**.

**Wildlife Detector |** *(Python, YOLO v8, Streamlit, GitHub)*

- Developed** a **Wildlife Detection System** using **YOLO v8** for real-time animal identification in video feeds.
- Integrated** an **API** for automated alerts, improving response times for wildlife organizations.
- Built** a **Streamlit** frontend for easy interaction and visual monitoring.
- Optimized** detection accuracy with custom datasets, ensuring precision in varied environments.

**Internify |** *(HTML, CSS, JavaScript, Flask, MySQL, GitHub)*

- Developed** an **internship-focused web platform**, enabling seamless search and application for internships tailored to students' needs.
- Implemented user-friendly features**, including real-time filtering, application tracking, and personalized recommendations, enhancing the user experience.

## TECHNICAL SKILLS

**Problem Solving:** DSA, OOP, DBMS  
**Languages:** C++ (Preferred), SQL (MySQL, PostgreSQL), JavaScript, HTML, CSS, Python  
**Databases:** MySQL, MongoDB, PostgreSQL  
**Frameworks:** React.js, Express.js  
**Developer Tools:** Git, VS Code, PyCharm  
**Libraries:** Pandas, Scikit-learn, NumPy, Matplotlib, Seaborn

## CERTIFICATIONS & ACHIEVEMENTS

Internal Hackathon Competition (SIH 2024)  
Centre for Development of Advanced Computing (C-DAC) – Web Development using Python

## ONLINE PLATFORMS AND REFERENCES

GFG: <https://www.geeksforgeeks.org/user/kulkarniko6yz/>  
Leetcode: <https://leetcode.com/u/kulkarnikalpak15/>