# Kajal Bharat Shinde

Karad, Maharashtra, India

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## **Education**

VIT Bhopal University Bhopal, Madhya Pradesh B.Tech Computer Science and Engineering 2022-2026

CGPA: 8.53/10 12th Standard

SGM Junior College Karad, Maharashtra

July 2022

HSC Percentage: 67.67% 10th Standard

Lahoti Kanya Prashala Karad, Maharashtra SSC Percentage: 96.60%

July 2020

## **Experience**

#### **Backend Development Intern**

Luxury In Taste Nov 2024-Jan 2025

- Developed and maintained the backend of the web application using Django and Python, ensuring robust, scalable and efficient performance.
- Assisted in troubleshooting and debugging issues, providing timely resolutions to improve user experience.
- Technical Skills: Django, Python, REST API, MySQL, Microsoft Azure, Git, API Integration, SQL

#### **Technical Skills**

**Programming Languages:** Java, Python, C, JavaScript

**Core Concepts**: Data Structures, Algorithms, Object-Oriented Programming, Database Management Systems (DBMS)

**Technologies / Frameworks**: Django, Flask, React.js, Node.js, Tailwind CSS, HTML, CSS, PHP, Machine Learning, API Integration

**Databases**: MySQL, MongoDB, SQLite

Tools & Platforms: Git, REST APIs, Microsoft Azure, Docker

#### **Projects**

#### **Smart Farming**

Feb 2024 - Mar 2024

- Worked on a smart farming system integrating a crop prediction model with a Flask backend to aid farmers in making data-driven decisions on crop selection.
- Implemented machine learning algorithms to analyze environmental and soil conditions, achieving 90% **prediction accuracy** for optimal crop recommendations.
- Utilized Scikit-Learn, Pandas, and NumPy for data preprocessing, feature engineering, and model training.
- Key Skills: Python, Flask, Machine Learning, Scikit-Learn, Pandas, NumPy, HTML, CSS, JavaScript, SQLite, MySQL

### **Round-Robin Coupon Distribution Web App**

Mar 2025

- Built a full-stack web app for automated coupon distribution using the Round-Robin algorithm. Developed REST APIs in Node.js with MongoDB for coupon storage and tracking.
- Implemented security measures (IP tracking & cookies) to prevent duplicate claims and designed an admin panel for monitoring and managing coupons.
- Deployed frontend on Vercel and backend on Render for scalability.
- Tech Stack: React.js, Node.js, MongoDB | Deployment: Vercel, Render

# **Jaipur Unveiled**

Jan 2024 – Feb 2024

- Developed a visually appealing website for promoting tourism in Jaipur, India named "Vibrant India". Site aimed to showcase the rich culture, heritage and attractions of Jaipur.
- Implemented a modern and user-friendly design using HTML5, CSS and Javascript and Bootstrap framework
- Engineered an interactive map API featuring **150+ tourist attractions and hotels**, enabling personalized exploration.
- Designed algorithms for recommending destinations, dining options, and accommodations based on user behavior, improving recommendation accuracy by 15%.

#### **Achievements**

- Successfully cleared **Round 1** of the **Nokia Accelerate HER in Tech Student Hackathon**, demonstrating strong problem-solving skills and technical proficiency.
- Solved over 200+ problems on various coding profile. LeetCode | GeeksforGeeks

## **Additional**

Languages: Fluent in Hindi, English, Marathi