

# Khushi Vasava

India | khushivasava8@gmail.com | linkedin.com/in/Khushi | github.com/Khushi | Portfolio Website

## Experience

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**Backend Development Intern**, Logiclitz – Surat, India

Sep 2024 – Oct 2024

- Engineered and optimized backend systems to support scalable and high-performance server-side operations.
- Developed PDF-Verse, a full-stack document utility application using React and integrated backend database features.
- Identified and resolved critical bugs during development, improving application reliability and system stability.
- Performed thorough testing and debugging to deliver clean, maintainable code aligned with industry best practices.

## Projects

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### Crop Prediction Using Machine Learning

- Built ML models (Random Forest, Decision Tree) to suggest optimal crops based on environmental and yield data.
- Improved model accuracy significantly over baseline, ensuring more reliable predictions.
- Created a visualization dashboard for real-time farmer insights.
- Tools Used : Python, Pandas, Scikit-learn, Data Visualization

### Blockchain-Based Secure Voting System

- Developed a decentralized voting platform ensuring tamper-proof and transparent elections.
- Integrated Web3 and MetaMask for secure real-time interactions.
- Tools Used: Solidity, Ethereum, React, Web3.js, MetaMask

### Personal Portfolio Website

- Designed a fully responsive portfolio showcasing work and skills.
- Integrated Firebase authentication and database features for feedback collection.
- Tools Used: React, JavaScript, Firebase

## Skills

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**Languages:** HTML, CSS, Java, Python, C/C++ , JavaScript, Solidity

**Frameworks/Libraries:** React, Node.js

**Tools & Platforms:** GitHub, VS Code, Google Colab, Postman, Docker, Remix IDE

**Soft Skills:** Keen Observation, Critical Thinking, Communication, Teamwork, Problem-Solving, Time Management

## Education

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**Nirma University**, Bachelor of Technology in Computer Science and Engineering Science

Oct 2022 – June 2026

- GPA: 8.01 / 10
- **Coursework:** Digital Communication, Computer Networks, Machine Learning, Deep Learning, Digital Electronics, Computer Architecture, Probability and Statistics, Calculus, Software Engineering, Cloud Computing

## Achievements

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**Research Paper (IEEE INFOCOM 2025)**

Jan 2025

CosmoLite: Lightweight XAI-Based Framework for Secure Next-Generation Space Sensor Networks

**Research Paper (IEEE TENSYP 2025)**

Mar 2025

TinyML-driven Spam Classification Framework for AVs Communication in 5G-Enabled V2X Networks