# Vanrajsinh Desai

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## Education

**L.J. Institute of Engineering and Technology**, Ahmedabad, Gujarat
Bachelor of Engineering in Computer Engineering
Expected Graduation Date: August 2026
**CGPA:** 9.1

## Skills

- **Programming Languages:** Java, JavaScript, Python, HTML, CSS, MySQL
- **Frameworks and Libraries:** React, Node.js, Express.js, Django, Flask, TensorFlow, Scikit-learn, Seaborn, Pandas, OpenCV
- **AI/ML:** Machine Learning, NLP, Neural Networks, CNN, RCNN, YOLO

## Experience

**IBM SkillsBuild Artificial Intelligence Internship by CSRBOX**
Gained hands-on experience with AI technologies through a comprehensive three-week program, covering AI fundamentals, generative AI, machine learning with Python, and chatbot design. Attended masterclasses and worked on real-world projects.

## Achievements

- **IBM Data Science Professional Certificate:** Completed a comprehensive 10-course program covering all aspects of data science, including data analysis, machine learning, data visualization, and more. Successfully completed real-life capstone projects that demonstrate practical application of data science skills.
- **IIT Bombay E-Cell Campus Ambassador:** Promoted entrepreneurship on campus through online reporting and activities. Fostered an entrepreneurial mindset among students, bridging the gap between academia and the startup ecosystem.
- **LeetCode:** Solved 250+ problems on LeetCode.

## Certifications

- **Introduction to Data Science by IBM**
- **Introduction to Java** by LearnQuest
- **Inheritance and Data Structures in Java** by University of Pennsylvania
- **Database Design and Basic SQL in PostgreSQL** by University of Michigan
- **HTML, CSS, and JavaScript for Web Development** by Johns Hopkins University

## Projects

- **Python Automatic Attendance System with OpenCV:** Built an automatic attendance system using Python and OpenCV. The system utilizes facial recognition technology to identify students and automatically mark their attendance. It provides a user-friendly interface for administrators to manage attendance records efficiently.
- **Intelligent Customer Support Chatbot:** Developed an intelligent customer support chatbot using NLP and machine learning technologies like SpaCy, NLTK, TensorFlow, and Hugging Face Transformers. The backend was built with Python and Flask, while the frontend was developed using React. The system also utilized PostgreSQL for data storage and management.
- **Music Website:** Designed and developed a music website using HTML, CSS, JavaScript, and backend technologies such as Node.js, Express.js, and React. The website features interactive elements like audio players and dynamic content loading, along with backend functionalities including user authentication, song management, and database integration.
- **Stock Market Management System in Java:** Created a stock market management system using Java. The system allows users to simulate stock trading, view market trends, and manage their portfolio. It includes features for real-time stock price updates, transaction history, and analytical tools to assist users in making informed trading decisions.