

# ADITYA VINAY RAJ KAMISETTI

## Student

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## 🎓 EDUCATION

### KL UNIVERSITY

07/2023 – present | HYDERABAD, India

## 🧠 SKILLS

Java Programming ● ● ● ● ●  
C Programming ● ● ● ● ●  
Python ● ● ● ● ●

## 📜 CERTIFICATES

- Cultivating AI and Machine Learning!
- React Basics
- Java Database Connectivity Introduction
- Java Servlet Pages
- Spring MVC, Spring Boot and Rest Controllers

## 📁 PROJECTS

### ATM Interface

Created a functional ATM interface using Java and MySQL that supports user login, PIN validation, balance inquiry, deposits, withdrawals, and transaction history. This project helped simulate real banking operations and improved my skills in object-oriented programming, database connectivity (JDBC), and user input validation in Java.

### Smart Parking System

Developed a smart parking system using Arduino, IR sensors, and breadboard connections to automate vehicle detection and parking slot management. The system could identify available slots and guide vehicles accordingly, reducing manual intervention. This project enhanced my knowledge of embedded systems, sensor integration, and real-world IoT applications.

### Tic Tac Toe Game

Designed and implemented a console-based Tic Tac Toe game in Java with proper win-check logic, player switching, and a user-friendly interface. Focused on developing clean logic, improving user interaction, and handling edge cases to ensure a smooth game flow. This strengthened my Java fundamentals and problem-solving approach.

### Sentiment Analysis

Developed a machine learning model using Python libraries like NLTK and Scikit-learn to analyze and classify text data (e.g., reviews or tweets) as positive, negative, or neutral. The project involved data preprocessing, feature extraction, and training classifiers. It improved my understanding of NLP, supervised learning, and real-world data analysis.

### Finance Management and Banking Application

Currently developing a full-stack finance and banking web application using React.js for the frontend, Spring Boot for the backend, and MySQL for the database. The app includes features such as user registration/login, transaction management, spending history, and financial tracking. This project has significantly improved my skills in full stack development, API handling, and secure user authentication.

## 🌐 LANGUAGES

English ● ● ● ● ●  
Hindi ● ● ● ● ●  
German ● ● ● ● ●  
Telugu ● ● ● ● ●