

# Priyanshi Bharakhada

B.Tech(CS&E)-AI/ML Student

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## Summary

Curious and driven B.Tech (AI/ML) student with a strong interest in technology, problem-solving, and building practical solutions. Experienced in C, C++, Java, and Python, with hands-on projects in web development, machine learning, and image processing. Actively engaged in continuous learning through certifications, coding platforms, and real-world applications.

## Education

09/2022 – 2026  
Ahmedabad

**B.Tech(Computer Science & Engineering (Specializing in AI/ML))**  
*Faculty of Engineering and Technology - GLS University*  
CGPA(Till 5th Semester - 8.142)

## SKILLS

C, JAVA, ADVANCED JAVA, PYTHON, MYSQL, HTML, CSS, JAVASCRIPT, OOCPP WITH C++, PHP, EXPLORING REACT.js, EXPLORING NODE.js, EXPLORING EXPRESS.JS, EXPLORING TAILWIND CSS, IMAGE PROCESSING, VIDEO PROCESSING, SCRIPTING LANGUAGES (LINUX), GNU SIMULATOR-COMPUTER ORGANIZATION & ARCHITECTURE, FLUTTER, ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

## Certificates

- IOT Smart Car Model Certificate - Cyber Shadex Event(Winner)
- Supervised Machine Learning: Regression and Classification(DeepLearning.AI, Stanford University)
- Introduction to Responsible AI(Google Cloud)
- Introduction to Generative AI(Google Cloud)
- JavaScript Certification(Scaler)
- React.js Certification(Scaler)
- Accenture North America Data Analytics and Visualization Job Simulation on Forage
- Advanced Learning Algorithms(Stanford University,DeepLearning.AI)
- Artificial Intelligence: Beginner's Guide(Simplilearn)
- Introduction to Large Language Models(Google Cloud)
- Node.js Certification(Scaler)
- Java language certification(Coursera)

## Projects

### Online Shopping Portal in C

- Collaborated with a team of 4 to implement user authentication, product catalog, and shopping cart functionality.

### Game Development

- Designed a game using DSA in C, showcasing creativity and programming skills.
- Utilized arrays, loops, and conditionals to structure game logic.

### IOT Smart Car Model (Cyber Shadex Event)

- Built an IoT smart car model in a team of 4, integrating 3+ sensors using c language for automation.

### Home Security System

- Engineered a model featuring several integrated sensors using C++,it identified and mitigated simulated collision risks with 95% accuracy.

### Basic clone of interview kickstart website.

### Prediction model for wheat price prediction

- Developed a regression model in python to forecast wheat prices using 1000 historical data points, capturing seasonal trends.

### Human detection system

- Built a system to detect human figures in images using image processing methods.

### Capstone Project :Music Genre classification & recommendation system

- Engineered a novel audio feature extraction pipeline using Librosa, processing 1000 songs to train machine learning models, and enriched the music recommendation system.

### Accenture North America Data Analytics and Visualization Job Simulation on Forage

- Completed a virtual simulation as a Data Analyst at Accenture, advising a hypothetical social media client
- Analyzed 7 datasets to uncover content trends and support strategic decisions
- Presented insights from 7 social media datasets through a concise deck and video with actionable content strategies.

### EduGPT

- Currently building a smart, interactive AI-powered educational assistant with personalized chat modes — Edu Mode and Interview Mode — supporting PDF-based Q&A, chat history, and user-authenticated sessions using Django and GPT integration.