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, OOCP 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 Shadez 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 Shadez 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.