Bhavya Shah

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in **LinkedIn**

EDUCATION

Nirma University, Ahmedabad	2023-2027
B.Tech in Computer Science and Engineering	CGPA: 8.65
Joint Entrance Exam	2023
All India Rank: $29,197$	Percentile: 97.5
Navchetan High School, Ahmedabad	2023
Senior Secondary School, GSEB	Percentile: 75
Apple Global School, Ahmedabad	2021
Higher Secondary School, CBSE	Percentage: 91.5

KEY COMPETENCIES & EXTRACURRICULARS

A proactive and organized communicator with strong critical thinking skills and a passion for technology, research, and teaching.

Participated in various hackathons and competitions:

- 2nd Prize winner, MakerFest Vadodara 2019

- Leader at Renewcharge, Smart India Hackathon 2024 (Selected for stage-1)

- Finalist at Finsheild Hackathon 2025 (IIT hyderabad)

PROJECTS

RiskAnalyzer: Alternative Data Credit Risk Model
Developed a machine learning model and full-stack web application to predict credit default probability using non-traditional data sources (e.g., mobile usage, utility payments). Built with *Python, Flask, and React*, the solution enables lenders to perform rapid and inclusive risk assessments for 'thin-file' customers. Built machine learning models for the application.
Live Demo: defaultprediction-frontend.onrender.com
GitHub: github.com/Nikhil-9876/DefaultPrediction

PlaylistGrabMP3: Spotify Playlist to MP3 Converter
Created a Python-based tool that converts Spotify playlists into curated YouTube links and downloads the corresponding audio tracks as MP3 files. Leveraged the *Spotify Web API*, *YouTube Data API*, and *Pytube* for seamless integration. Enables offline music access without requiring a Spotify Premium subscription. **GitHub:** github.com/GlyphCoder/spotify-to-youtube

CookBuddy: Intelligent Cooking Companion Website
Developed a recipe discovery platform with ingredient-based search functionality and an integrated delivery service. Built using *HTML, CSS, JavaScript, and AngularJS*. Incorporated *TensorFlow.js* for ingredient image recognition, allowing users to search recipes by uploading food images.

SKILLS

Technical Skills: C/C++, JavaScript, Node.js, Next.js, Python3, MySQL
Coursework: Deep Learning, Data Communication, Operating Systems, Database Management System, Object Oriented Programming, Computer Networks, Computer Architecture, and Electronic Systems and Engineering