# CHETAN KAMINENI

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## EDUCATION

**Gitam University,Hyderabad**                                            Sep 2022 – Jun 2026
*B.Tech, Computer Science and Engineering*

## TECHNICAL SKILLS

**Programming Languages:** Java, JavaScript, Python, SQL

**Web Development:** React.js, Next.js, Express, Node, FastAPIs

**Cloud & Devops:** Git, Docker, CI/CD

**Databases:** MongoDB, PostgreSQL

**ML/NLP:** Pandas, Scikit-learn, XGBoost, Matplotlib, Numpy

**Core Concepts:** Data Structures, Algorithms, DBMS, OOPS

## EXPERIENCE

**Ektha Tech**                                                              May 2025 – Jun 2025
*Software Development Intern*
- Developed custom vendor and warehouse reports using the Frappe framework for **Khanal Foods**, improving inventory tracking and procurement decisions; reports reduced manual data gathering time by **30%**.
- Collaborated with senior developers to integrate reporting features directly into ERP workflows, enhancing real-time access to operational metrics for over **10 users** across departments.
- Gained hands-on experience in full-stack ERPNext development using **Python**, **JavaScript**, and **Jinja**, contributing to modules used in daily business operations.

## PROJECTS

**Weather app** ⬀
- Developed a responsive weather application using **React** and **Vite**, integrating the **OpenWeatherMap API** to provide real-time weather data including temperature, humidity, and wind speed for any global location.
- Designed a **clean, intuitive user interface** with fully **responsive layouts**, ensuring seamless performance across desktops and mobile devices.
- Optimized for **high performance** with fast load times using Vite and deployed the application on **Vercel** for scalable, production-ready hosting.

**Music Popularity Prediction (ML)** ⬀
- Developed a machine learning model to predict song popularity using audio features like energy, danceability, and loudness, achieving high accuracy in classification.
- Cleaned and preprocessed data, handling missing values and scaling features to improve model performance on a 200k-song Spotify dataset.
- Applied classification algorithms (Logistic Regression) to create a binary popularity prediction, providing actionable insights for the music industry on hit song characteristics.

**Continuum - Full stack web application** ⬀
- Designed and developed a full-stack media and gaming web application using **React.js (frontend) and Node.js** with Express (backend), integrating **TMDB and RAWG APIs** through custom microservices.
- Built reusable backend endpoints with fetchWithRetry, **RESTful architecture**, environment variable support, and robust error handling to serve trending media and game data.
- Connected the React frontend to backend services **via Render and Hugging Face** to render dynamic content, product dropdowns, and detail views; deployed the full stack on **Vercel.**

## CERTIFICATES

- Smart Interviews Certificate ⬀
- Google Data Analytics ⬀
- Google IT support ⬀
- CCNA: Intro to Networks ⬀