

Kuber Mehta - Brag Sheet

Kuberwastaken.github.io

Academic Background

- **B.Sc. in Computer Science (2024–2027)**
Birla Institute of Technology and Science, Pilani
- **B.Tech in Artificial Intelligence and Data Science (2024–2028)**
Dr. Akhilesh Das Institute of Professional Studies

Key Achievements and Recognitions

- **Winner: Roblox International Game jam:**
Earned the *Best Simulator Game* award at the **Roblox DevRel International Game Jam** in Spain, standing out among 7,000+ global participants with the creation of *Candies Simulator*.
- **Winner: Dexter Designing League:**
Secured the title at the **Dexter Designing League**, India's largest 3D printing and design competition, by developing a sustainable human colony model for Mars using **SketchUp**, **Blender**, and **Cura**.
- **Books Reimagined - Top 10 uses for Gemini API – Google and Kaggle:**
Secured a spot in the **top 10 usecases** for Google's Gemini API long context competition hosted by **Kaggle and Google**. Made Books Reimagined - an AI-powered tool that **transforms narrative perspectives in literature**, enabling character-specific rewrites for books and other texts.

Project Highlights

- **TREAT: (Trigger Recognition for Enjoyable and Appropriate Television)**
 - Designed and deployed an innovative **Gradio-based web app** leveraging a custom-made, Open-Source model over **Meta Llama-3.2** to analyze movie and show scripts for potential triggering content, showcasing advanced natural language processing capabilities.
<https://www.trytreat.tech/>

- **ORCUS:** (*Observational Recognition of Content with Unnatural Speech*)
 - Created an open-source **AI system** combining **RoBERTa-OpenAI-Detector** and **GPT-2** to flag AI-generated Social media comments and promote content authenticity using **Flask** and **React**.
<https://github.com/Kuberwastaken/ORCUS>
- **GitHub Art:**
 - Developed a Python-based tool that converts GitHub commit history into **pixel art**, using local git to make commits based on a 52x7 canvas, including the ability to write commits in the past.
<https://github.com/Kuberwastaken/Github-Art>

Courses and Certifications

- **Google Data Analytics Specialization:**
 Gained expertise in **data cleaning, analysis, and visualization**, using tools like **SQL**, **Tableau**, and **R**.
- **CS50x - Computer Science (Harvard University):**
 Acquired a deep understanding of computer science fundamentals with a focus on **C**, **Python**, and **Flask**.
- **Databases for Data Scientists Specialization (University of Colorado Boulder)**
 Mastered relational database design and advanced SQL techniques using **Google BigQuery** for analyzing large datasets.

Technical Proficiency

- **Programming Languages:** Python, SQL, C, JavaScript, R, LUA, HTML, and CSS.
- **Technologies and Tools:** React, Node, BigQuery, Tableau, TensorFlow, PyTorch, Gradio, and Flask.

Soft Skills and Public Speaking

- Regularly speaks at college events, sharing insights on technology, business, and entrepreneurship.

- Did a talk in college demonstrating and teaching the basics of Git, GitHub and Open Source
- Demonstrates excellent communication skills, breaking down complex topics into engaging and understandable presentations for diverse audiences.

Future Goals

- Aspires to establish a **successful AI-based startup** that is heavily involved in marketing through organic social media content.
- Currently developing **JumpCut**- a music app that **caters to Gen Z**, featuring Machine Learning algorithms inspired by platforms like TikTok and Instagram to jump to "viral" parts of songs, which makes it a differentiator to current music streaming services.