Kuber Mehta

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EDUCATION

Birla Institute of Technology and Science, Pilani Pilani, India
Bachelor of Science in Computer Science *Aug 2024 – 2027*

Guru Gobind Singh Indraprastha University New Delhi, India
Bachelor of Technology in Artificial Intelligence and Data Science *Aug 2024 – 2028*

PROFESSIONAL EXPERIENCE

Perplexity AI Remote
Business Fellow *Mar 2025 – Present*
- Selected for a competitive program focused on AI applications in business and strategy, developing practical AI skills.
- Participating in workshops led by industry leaders and gaining access to an exclusive AI community.

JP Morgan Chase Remote
Virtual Experience Remote Intern *Feb 2025 – Apr 2025*
- Developed a Python-based interface for real-time stock price data analysis and interactive dashboards.
- Integrated React and TypeScript to build dynamic web applications using JPMorgan Chase frameworks.

PROJECTS

- **TREAT**: Developed and deployed a **Gradio**-based Spaces web app to **analyze movie and show scripts** for potential **triggering content**, powered by **Meta Llama-3.2** and **DeepSeek R1**, with an **open-source model**.

- **The Backdooms**: Ported a version of "Doom" inspired by the Backrooms, **self-contained in a QR code**, less than **2.6KB** in size with a **custom compression algorithm**. Achieved **140,000+ views** in **48 hours** on LinkedIn.

- **ORCUS**: Developed an **open-source AI system** with **RoBERTa-OpenAI-Detector** and **GPT-2** using **Flask and React** to **flag AI-generated LinkedIn comments** and promote content authenticity.

- **Free Deep Research**: Created a **free alternative** to OpenAI's **Deep Research agent**, replicating most capabilities with **adjustable breadth and depth** for customization.

COURSES

- **Fundamentals of Agents** *Hugging Face*
  Built AI agents using frameworks like smolagents, LlamaIndex, and LangGraph. leant agent fundamentals, tool integration, and real-world applications.

- **Google Data Analytics Specialization** *Google*
  Gained proficiency in data cleaning, analysis, and visualization using SQL, Tableau, and R.

- **CS50x - Computer Science** *Harvard University*
  Mastered computer science fundamentals with C, Python, and Flask, solving real-world problem sets.

ACHIEVEMENTS

Roblox DevRel International Gamejam
Best Simulator Game
- Awarded 'Best Simulator' for 'Candies Simulator' among 7,000+ global developers.

Books Reimagined
Top 10 - Kaggle x Google Gemini Long Context Challenge
- Using **Gemini Long Context** to **rewrite books from different character perspectives**, ranking **Top 20** Globally.

PROGRAMMING SKILLS

- **Languages**: Python, SQL, C, HTML, CSS, JavaScript, R, LUA

- **Technologies**: React, NextJS, Node, BigQuery, Tableau, TensorFlow, PyTorch, Gradio, Flask