Kunal Uttam

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EDUCATION

Thapar Institute of Engineering and Technology   *Sept 2020 - Jun 2024*
Bachelor of Technology in Computer Science | CGPA - 7.18/10   Patiala, Punjab

12th-Delhi Public School   *Mar 2019 - Mar 2020*
Percentage - 88.00%   Mathura, Uttar Pradesh

INTERNSHIPS & WORK EXPERIENCE

Business Development Executive   *August 2024 – Dec 2024*
GoldenFlitch   Gurgaon, Haryana
- Directed project coordination and operations by managing **client interactions** and serving as a key point of contact between clients and the company.
- Developed strategic pitches and detailed proposals to drive lead generation through marketplaces, leveraging **data-driven insights** and **market analysis** expertise.

Business Development Intern   *Feb 2024- Aug 2024*
DigiMantra Labs   Mohali, Punjab
- Engaged with clients through meetings and calls to design workflows for service delivery, emphasizing scalable and client-ready solutions.
- Created **product workflows** and business reports to ensure service offerings aligned with client needs.

Machine Learning Intern   *June 2022- July 2022*
Indian Oil Corporation Limited   Bijnor,Uttar Pradesh
- Developed a machine learning model to predict solar power generation based on **weather** and **temporal data**.
- Leveraged LSTM networks to analyze energy consumption patterns, achieving a prediction accuracy of **92%**.

SKILLS

- **Languages** – C, C++, Python, HTML, CSS, JavaScript, MySQL, Java
- **Core Knowledge** – Data Structures and Algorithms, Operating Systems, DBMS, OOPS, Machine Learning
- **Tech Stack** – MongoDB, React, Node.js, XCode, VirtualBox, Linux, Bash Scripting
- **Tools** – Git, VScode, Jupyter Notebook, Google Colab, Docker, AWS

PROJECTS

CIPHER-BOT | AI Chatbot Framework
- Developed a **Rag-based** chatbot using LangChain.js and meta Llama along with to process user queries with real-time NLP, improving response accuracy and conversational flow.
- Integrated Redis for session-based caching to optimize response time, ensuring fast and efficient user interactions
- **Tech Stack Used:** JavaScript, Next.js, LangChain.js, OpenAI API, Redis .

BLOCK-REWARD | Web3
- Conceptualized and engineered an e-commerce tailored **blockchain loyalty** system featuring flip coins rewards boosting customer engagement,integrated with **meta mask** for secure transactions.
- Implemented an auto-degenerating warranty slip as an **NFT** with a validity of 30 days.
- **Tech Stack Used:** React, Etherium, solidity, Meta-Mask

REAL-ESTATE | Frontend & API
- Developed a real estate app with react, driving a user interactions.
- The application encompasses search features, property details, **interactive maps**, and seamless links to seller accounts.
- **Tech Stack Used:** React, API

CERTIFICATIONS

AWS Machine Learning Foundation | Udacity   *Oct 2022*
System Administration and IT Infrastructure Services | Google   *July 2022*
Excel For Beginners | Great Learning   *Nov 2023*

ACHIEVEMENTS & CO-CURRICULAR ACTIVITIES

- Semi-finalist for **FLIPKART-GRID** in 2023.
- Honored with the **Ramanujan Medal** 2018 and the **Ramanujan Cup**, Delhi Public School, Mathura - 2020.
- Ranked 23rd within university and secured **national rank 2730** in CodeKaze 2023 by Coding Ninjas.