

KUNAL UTTAM

Najibabad, Uttar Pradesh | +91 6396810512 | kuttam_be20@thapar.edu | LinkedIn | Portfolio

EDUCATION

Thapar Institute of Engineering and Technology

Bachelor of Technology in Computer Science | CGPA - 6.89/10

Sept 2020 - Jun 2024

Patiala, Punjab

12th-Delhi Public School, M.R. Nagar

Percentage - 88.00%

Mar 2019 - Mar 2020

Mathura, Uttar Pradesh

10th-Delhi Public School, M.R. Nagar

Percentage - 82.00%

Mar 2017 - Mar 2018

Mathura, Uttar Pradesh

INTERNSHIPS & WORK EXPERIENCE

Product Manager Intern

Talent Serve

June 2023 – July 2023

Remote

- Engaged with placement officers and students to gauge placement expectations, showcasing **effective communication** and market insight.
- Led the collection and analysis of user feedback from **30+ users**, resulting improvement in **product features**.

Machine Learning Intern

Indian Oil Corporation Limited

June 2022 – July 2022

Bijnor, Uttar Pradesh

- Led the development of a machine learning model that predicted power generation by solar cells based on varying weather conditions, resulting in a **15% increase in energy efficiency**.
- Analyzed energy consumption patterns and identified a **11% discrepancy** in the amount of power drawn from the grid versus the amount returned, leading to more efficient **energy management**.

SKILLS

- **Languages** – C, C++, Python, HTML, CSS, JavaScript, SQL, Solidity
- **Core Knowledge** – Data Structures and Algorithms, Operating Systems, DBMS, OOPS
- **Tech Stack** – MongoDB, React, Node.js, Photoshop and Adobe Suite of Products, XCode, VirtualBox
- **Tools** – Git, VScode, Jupyter Notebook, Remix, Google Colab

PROJECTS

BLOCK-REWARD | Web3

- Conceptualized and engineered an e-commerce tailored **blockchain loyalty** system featuring flip coins rewards boosting customer engagement, seamlessly integrated with **meta mask** for secure, transparent transactions.
- Implemented an auto-degenerating warranty slip as an **NFT** with a validity of 30 days.

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.

DREAMHOUSE | Cloud Based

- Demonstrated use of **Salesforce DX** with apex commands to create an app on lightning platform showcasing data management.
- Display details from a CSV sheet from spreadsheets and creates 15 custom objects to optimizing data representation and handling.

CERTIFICATIONS

AWS Machine Learning Foundation | Udacity

Oct 2022

System Administration and IT Infrastructure Services | Google

July 2022

Networking Essentials | Cisco

June 2023

Excel For Beginners | Great Learning

Nov 2023

ACHIEVEMENTS & CO-CURRICULAR ACTIVITIES

- Semi-finalist for **FLIPKART-GRID** in 2023.
- Honored with the **Ramanujan Cup**, Delhi Public School, Mathura - 2020.
- Received recognition for scoring **rank under 100** by RAO IIT Academy in 2018.
- Recipient of the **Ramanujan Medal**, Delhi Public School, Mathura - 2018
- Ranked 23rd within university and secured a **national ranking of 2730** in a prominent nationwide coding competition.