Urmil Vora

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY - BHUBANESWAR   **2023 - 2025**
Master of Technology in Computer Science Engineering (CGPA - 8.63)

K J SOMAIYA COLLEGE OF ENGINEERING   **2020 - 2023**
Bachelor of Technology in Computer Engineering (CGPA - 8.98)

EXPERIENCE

INDIAN INSTITUTE OF TECHNOLOGY, BHUBANESHWAR - Odisha, India   **July 2023 - May 2025**
IIT Bhubaneswar is a university established by the government of India in 2008, in Bhubaneswar, India.

Teaching Assistant (July 2023 - April 2025)
- Teaching and guiding more than 100 students in "Programming and Data Structures."

Masters Thesis (June 2024 - May 2025)
- Exploring fake news detection in Indian languages using multilingual models, LLMs, and RAG.

SK INTERNATIONAL - Mumbai, India   **June 2022 - July 2022**
SK International is a System Integrator that has been catalyzing Digital Transformation since 1984.

Intern (June 2022 - July 2022)
- Automated document flow, enhancing system efficiency and reducing processing time by 90% using Google Colab, MagicWand, OpenCV, and PDF Editor.

HANDS-ON PROJECTS

Snacks Sales Analysic & Forecasting   **Dec 2024 - Dec 2024**
- Performed **EDA** on supermarket snack sales data to uncover trends across time, location, and payment methods, using **Python, Pandas, Matplotlib, Seaborn**
- Applied **Prophet time series forecasting** to predict **12 months of snack sales**, providing production load estimates for factory planning.

Enhanced Visual Search For E-Commerce Application   **June 2022 - Mar 2023**
- Curated specialized datasets for categories like computer peripherals, Indian clothing, and furniture, enhancing visual search capabilities.
- Deployed VGG-19 using Python and deep learning methodologies, improving product type prediction accuracy and user engagement by 20%.

PrEazy: Digital Prescription System   **Dec 2019 - Mar 2020**
- An Android app to combat fake prescriptions, ensuring secure and eco-friendly communication among doctors, patients, and pharmacists using technologies like AES and Hashing.
- Published a paper in the International Journal of Scientific Research in Computer Science Engineering and Information Technology (*IJSRCSEIT*) in July 2020, validating our solution's effectiveness in healthcare.

EXTRA-CURRICULAR ACTIVITIES / LEADERSHIP ROLES

Dhanji Devshi KVO Kelavni Fund - DDKF   **May 2019 - Present**
Volunteer
- Led educational workshops and competitions, enhancing participant awareness and soft skills.
- Developed leadership and event handling skills, demonstrating patience and effective coordination.

SKILLS

- Programming Languages: Java, Python, C++.
- Databases: SQL, Firebase.
- Tools and Frameworks: Android Studio, VS Code, TASM, DOS BOX, uVision, Jenkin, Google Colab, Git.
- Verbal Languages: English, Hindi, Gujarati, Marathi.
- Course Highlights: Natural Language Processing, Software Design, Machine Learning, Advanced Algorithms, Multimedia Systems, DevOps.