

# Dhruv Thaker

Portfolio: <https://dhruv-thaker-portfolio.github.io/>

LinkedIn: [linkedin.com/dhruv-thaker](https://www.linkedin.com/in/dhruv-thaker)

Email: [dthaker3@illinois.edu](mailto:dthaker3@illinois.edu)

Mobile: +1 (217) 979-4321

## EDUCATION

- University of Illinois Urbana-Champaign** Champaign, USA  
• *Masters of Science in Information Management (MSIM);* August 2025 - Present  
*Courses:* Information Modeling, Data Mining, Cloud Computing, Database Management Systems, Machine Learning, Programming
- Usha Pravin Gandhi College of Arts, Science and Commerce** Mumbai, India  
• *Bachelor of Science - Information Technology; GPA: 9.30* July 2020 - October 2023  
*Courses:* Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Database Management Systems, Computer Networking, Programming

## EXPERIENCE

- PricewaterhouseCoopers (PwC)** Mumbai, India  
• *Data Engineering* Aug 2023 – Jul 2025
  - Data Engineering for Global Beverage Brand:** Developed end-to-end data pipelines using **Python (PySpark, Pandas)** on **Azure Databricks** integrated with **Azure Data Factory**, reducing processing time by 30% and supporting 20+ business reports. Leveraged **Azure SQL, Blob Storage**, and **SQL-based scripts** to enhance scalability and reliability.
  - OCR-based Invoice Processing Automation for FMCG Client:** Created an OCR-based invoice processing solution using **Python** and **Automation Anywhere**, improving document processing speed by 50%. Trained an AI-powered OCR model in Python, achieving 90%+ accuracy, and automated data extraction/validation, reducing manual intervention by 60%.
  - Data Quality and Optimization:** Optimized transformations using **Python (PySpark)** and **SQL**, building robust data-cleaning pipelines that reduced invoice processing errors by 85% and improved reporting accuracy.
  - Cloud Integration & Data Transformation:** Migrated and processed data with **Python ETL pipelines**, optimizing queries by 25% and scaling workloads to handle 100M+ records. Performed extensive **Python-driven data validation** to ensure compliance with business requirements.
- Web Colors Digital** Mumbai, India  
• *Web Development Intern* Nov 2022 – Apr 2023
  - Client Website Optimization:** Developed and optimized websites for 3 clients using **JavaScript, HTML, CSS**, and **PHP**, improving load times by 25% and enhancing user experience.
  - Cross-Functional Collaboration:** Collaborated with design and dev teams to deliver fully functional web apps with **JavaScript-based dynamic features**, ensuring 100% on-time delivery and boosting client satisfaction.

## PROJECTS

- AI-Based Recommendation System and Calorie Counter (ML, Nutrition, Flutter):** Developed a mobile app that uses **Python ML models** to recommend recipes from available ingredients and track calorie intake. Tech: Flutter, Firebase, Python (April '23)
- Python-based Vaccine Slot Finder (API, Automation):** Created a console tool in **Python** to fetch real-time COVID-19 vaccine slot availability via CoWIN API, aiding dozens during peak demand. Tech: Python, REST API (July '21)

## SKILLS SUMMARY

- Languages:** Python, JavaScript, SQL, Java, Dart, C++
- Frameworks:** Pandas, PySpark, Flask, Django, Node.js, React, TensorFlow, Keras, Scikit-learn, LAMP
- Tools:** Azure Data Factory, Databricks, Azure Datalake, Automation Anywhere, UI Path, Power BI, Git, Firebase, PostgreSQL, MySQL, SQLite
- Platforms:** Windows, Linux, Web, AWS, GCP, Azure, IBM Cloud
- Soft Skills:** Leadership, Event Management, Public Speaking, Technical Writing, Time Management

## AWARDS & CERTIFICATIONS

- Star & R Award for Team Performance by PwC- April, 2024**
- Advance Automation Certification by Automation Anywhere- November, 2024**
- Azure Data Factory from LinkedIn Learning- March, 2024**

## VOLUNTEER EXPERIENCE

- Graphics & Creatives Committee Member – TechVanza'21** Mumbai, India  
• *Handled design and branding for UPG College's annual tech fest, boosting event engagement.* 2021
- Electoral Literacy Club (ELC) – SVKM's UPG College** Mumbai, India  
• *Promoted voter awareness and helped students with Voter ID Registrations* 2021
- Drama Committee – BSGD College of Arts, Science and Commerce** Mumbai, India  
• *Contributed to event planning and cultural performances, competing in prestigious events like IPTA.* 2019 – 2020