

Dixika Thakur

Python Developer		Machine Learning Enthusiast		Software Development	
Internship				(1 Month)	
Aqmenz Automation Private Limited Bengaluru				(1 Month)	
Intern				Aug '23 – Sep'23	
Roles and Responsibilities		<ul style="list-style-type: none">Analysed hotel data to identify trends in occupancy, revenue, and customer preferencesUsed Power BI to design dashboards and automate performance reportingExtracted, cleaned, and transformed datasets using Power Query for accurate insightsCollaborated with teams to define KPIs and deliver actionable reports			
Projects					
Federated Learning-based Diet Recommendation System		Developed a privacy-preserving diet recommendation system using Python and the Flower federated learning framework, enhancing both scalability and data security. <ul style="list-style-type: none">Leveraged federated learning to ensure sensitive user data remained decentralized and secure throughout the training process.Integrated machine learning models for personalized dietary suggestions without compromising data privacy.Designed and deployed a scalable, secure, and efficient architecture, demonstrating advanced proficiency in Python and privacy-first AI solutions.			2024
Revenue Pulse Dashboard		<ul style="list-style-type: none">Built a dynamic sales dashboard using Power BI, integrating data from Excel and Python for comprehensive analysisUtilized DAX to create advanced measures like Year-over-Year growth, sales trends, and forecasting models, boosting analysis efficiency by 40%Designed interactive, user-friendly dashboards that enhanced report accessibility and usability by 20%, empowering stakeholders to make faster, data-driven decisions			2024
Professional Certifications & Training					
Deploy and Maintain Power BI Assets and Capstone project		<ul style="list-style-type: none">Gained hands-on expertise in building, securing, and publishing dynamic Power BI apps and dashboardsLearned to implement real-time alerts and row-level security to drive smarter, data-driven decision-making.			Credentials
Tata Group - Data Visualization: Empowering Business		<ul style="list-style-type: none">Mastered the art of turning raw data into compelling visual narratives that drive business impact. From framing real-world scenarios to designing visuals that speak volumesLearned how to transform insights into clear, strategic actions. This experience sharpened my ability to think like a decision-maker and visualize data with purpose			Credentials
Educational Qualification					
Qualification	Institute			CGPA/ %	Year
B.E CSE	Atria Institute Of Technology, Bengaluru			8.1/10	2024
XII, CBSE	Army Public School, Bengaluru			71%	2018
X, CBSE	Army Public School, Bengaluru			8.8/10	2016
Skills					
Languages	Python, Advanced SQL, HTML and CSS				
Libraries	NumPy, Pandas and Matplotlib				
Tools and Technologies	MS Excel, Power BI, Power Query, Visual Studio, IntelliJ, Jupyter Notebook				
Positions of Responsibility					
College Fest Event Organizer					
Delegate		<ul style="list-style-type: none">Organized and led a large-scale college fest attended by over 2,000 participants, overseeing end-to-end planning, coordination, and executionManaged cross-functional teams, vendor communications, budgeting, and logistics to ensure a smooth and impactful eventSuccessfully implemented marketing strategies that boosted attendance and engagement, demonstrating strong leadership, time management, and problem-solving skills under pressure			2020-2024
Extra-Curricular Activities					
Throwball	<ul style="list-style-type: none">Led team to a runner-up finish, showcasing teamwork, strategy, and athletic discipline			2024	
Inter City Dance Competition	<ul style="list-style-type: none">Achieved 1st place, demonstrating creativity, stage presence, and excellence in performance under competitive pressure			2024	