

Thakur Vishwanath Singh

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SKILLS

Languages:	C++, Java, C, Python
Frameworks/Libraries:	HTML & CSS
Tools/Platforms:	MySQL, Tableau, Tableau Prep, R, Git, GitHub, Tableau Desktop, MS-Excel.
Soft Skills:	Interpersonal Communication, Problem-Solving, Teamwork, Adaptability, Quick Learner

PROJECTS

MediScan AI Python	Jan' 2025 -Feb' 2025
<ul style="list-style-type: none"> Developed an AI-powered tool for early disease detection through medical image analysis Built high-accuracy deep learning models using TensorFlow for diagnostic predictions Designed an interactive Streamlit-based interface for real-time medical assessments Optimized Data preprocessing and augmentation techniques to enhance model performance 	
Employee Trends & HR Analytics Dashboard Tableau	Aug' 2024 - Sep' 2024
<ul style="list-style-type: none"> Engineered a Tableau dashboard to visualize employee trends and workforce segmentation Developed interactive charts, maps, and KPIs to track HR performance metrics Applied data blending and joins to connect multiple HR data sources seamlessly 	
Customer Churn Prediction using XGBoost Python	Jul'2024 – Aug'2025
<ul style="list-style-type: none"> Built a classification model to predict customer churn based on transaction history Applied feature selection and engineering techniques to improve model accuracy Trained an optimized XGBoost model, tuning hyperparameters (learning rate, max depth, number of estimators, gamma, subsample ratio) using GridSearchCV and Bayesian Optimization 	

Summer TRAINING

Complete Machine Learning & Data Science GeeksforGeeks	Jun' 2024 – Jul' 2024
<ul style="list-style-type: none"> Gained hands-on experience in machine learning algorithms, model evaluation, and data preprocessing Developed expertise in supervised and unsupervised learning, including regression, classification, and clustering techniques 	

CERTIFICATES

Responsible & Safe AI Systems NPTEL	Oct' 2024
Data Structures and Algorithms Udemy	Nov' 2023
Generative Artificial Intelligence with LLM Coursera	Apr' 2024

EXTRACURRICULAR ACTIVITIES

Finalist in the Hackathon Idea Hub 2.0:	
In January 2024 Participated and ranked as finalist team organized by Narsee Monjee Institute of Management Studies (NMIMS)	
Oasis Under the Department Welfare Wing (LPU, India)	Jan'23 – May'23
Media Head, Oasis Club (Handled real-time challenges by staying adaptable and focused, ensuring the event stayed on schedule and met all objectives)	

EDUCATION

Lovely Professional University	Phagwara, Punjab
Bachelor of Technology in Computer Science and Engineering CGPA:7.7	Aug' 2022 – Pursuing
Sri Chaitanya Junior Kalasala	Hyderabad-Telangana
Intermediate	Mar' 2020 – May' 21
PCM; Percentage: 81%	
St. Joseph's Public School	Hyderabad-Telangana
Matriculation	Mar' 2018 – May' 2019
Percentage: 76%	