

Vivek Baghel

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SKILLS

Languages:	C++, R, C, Python
Frameworks/Libraries:	HTML, CSS, JavaScript, NLTK, scikit-learn, Pandas, NumPy, ggplot2
Tools/Platforms:	Power BI, Tableau, MySQL, Hadoop (Basics), Git, GitHub, VS Code, RStudio.
CS Fundamentals:	DSA, OOPs, DBMS, Operating Systems, Computer Networks, Discrete Mathematics
Soft Skills:	Problem-Solving, Teamwork, Adaptability, Quick Learner

PROJECTS

Ultimate Weather App	Feb'-March 2025
<ul style="list-style-type: none">Developed a sleek and responsive weather web application using HTML, CSS, and JavaScript, integrated with the Open Weather API.Features include real-time weather updates, city-based weather search, 5-day forecast, interactive graphs, wind/humidity data, and precaution tips.Focused on creating a clean and user-friendly interface for seamless interaction.Tech Stack: HTML, CSS, JavaScript, OpenWeatherMap API, Vercel (Hosting).	
Adidas Sales & Performance Dashboard	Jan' 2025 -Feb' 2025
<ul style="list-style-type: none">Designed an interactive Power BI dashboard to track and analyze sales and performance metrics for Adidas.Integrated DAX functions, KPIs, and data modeling to provide actionable insights, with advanced filtering and drill-through slicers for real-time data exploration.Applied ETL processes and data optimization techniques to ensure accurate and efficient data analysis.Tech Stack: Power BI, DAX, Data Modeling, ETL.	
Customer Churn Analysis (EDA & ML)	Nov 2024 - Jan'2025
<ul style="list-style-type: none">Conducted exploratory data analysis (EDA) using Pandas and Seaborn to uncover key factors contributing to customer churn.Built and optimized machine learning models, including Decision Trees and Random Forest, to predict churn more accurately.Evaluated model performance with confusion matrices, classification reports, and cross-validation to ensure reliable, data- driven insightsTech Stack: Python, Pandas, Seaborn, scikit-learn, Decision Trees, Random Forest.	

Summer TRAINING

Board Infinity's LPU Summer Training Program (Jun-Jul 2024)	Jun' 2024 - Jul' 2024
Library Management System (C++)	
<ul style="list-style-type: none">Built a Library Management System with core features like add, delete, search, issue, and return using linked lists and stacks. Focused on efficient algorithms for smooth library operations.	

CERTIFICATES

Responsible & Safe AI Systems NPTEL	Oct' 2024
Data Structures and Algorithms Board Infinity	Apr' 2024
Data Analysis with Tableau Coursera	Nov' 2023

EXTRACURRICULAR ACTIVITIES

Volunteered in Community Development Project (CDP): Coordinated and resolved meal initiatives for underprivileged individuals, highlighting organizational and community engagement skills

EDUCATION

Lovely Professional University	Phagwara, Punjab
Bachelor of Technology in Computer Science and Engineering, CGPA: 8.21	Aug' 2022 - Pursuing
Lucent International School, Dehradun	Dehradun, Uttarakhand
Intermediate (86%)	Mar' 2020 - May' 22
Shree Kunjilal Gulkandi Devi Public School , Agra	Hyderabad-Telangana
Matriculation (79%)	Mar' 2019 - May' 2022