Aditya Lachhiramka

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PROFESSIONAL SUMMARY

I am a young enthusiast in Software Engineering, exploring diverse domains of computer science with a strong passion for learning and growth. Experienced in web design and development, data analysis, and machine learning, I actively engage in hands-on projects to gain practical expertise. Open to opportunities across all fields, I am dedicated to expanding my knowledge to fields like artificail intelligence and skills to tackle real-world challenges effectively.

EDUCATION

Delhi Technological University	**Bachelor of Technology(Information Technology)**	CGPA : 9.22	*November 2022 – May 2026*
Mothers International School	**CBSE(Class 12)**	95.4%	*May 2020 – May 2022*
Carmel School	**ICSE(Class 10)**	98%	*April 2010 – May 2020*

SKILLS

Technical Languages : C#, Python, C/C++, SQL (MySQL), JavaScript, Java, HTML, CSS, JSON

Technical Skills : Microsoft Excel, Tableau,Pandas, Matlabpoint, SciPy, Scikit-learn, VsCode ,Github, Figma, Latex, APIs

Soft Skills :Leadership, Team management, Problem solving, Communication, Listening, Critical Thinking, Creativity, Analytical skills, Flexibility, Adability, Decision making, Time management

Domains and others : Web development, Machine Learning, Data Analysis, Data Science, Visualisation, Database Management, Content Creation, Report Making

Course work : Object Oriented Programming(OOP), Database Management, Discrete Mathematics, Operating Systems(Linux,Windows), Modelling and Stimulation

PROJECTS

Web Development Projects | *HTML,CSS,Javascript(ES6+),JSON,APIs*   *Link*
- **Diverse portfolio** on Vercel featuring **innovative web applications** and impactful software solutions; demonstrates proficiency in **frontend development, backend integration**, and **user experience design**.
- Platform **showcases ongoing additions** of new projects, **reflecting commitment to continuous learning** and **innovation** in software development.

Data Analysis Work | *Excel,Tableau,SQL,Python,Pandas,MatlabPoint*
- Completed various projects across multiple courses, demonstrating proficiency in data analysis using a range of tools and techniques.**Python :** Black Friday Sales Data Analysis, Data Visualization on Heart Disease Dataset, GDP Analysis.**Tableau :**Superstore Sales Analysis Dashboard, Covid-19 World Dashboard.**Excel :**Sales Data Analysis Using Covered Functions and Pivot Tables.**SQL :**Sales and Revenue Analysis, Customer Segmentation and Profiling, Social Media Sentiment Analysis

Data Analysis and Machine Learning Project: Rainfall Prediction | *NumPy,Scikit-learn,Python,Pandas*
- **Built and validated** predictive models for **rainfall classification**, enhancing interpretability and performance through iterative testing; implemented **Linear Regression, K-Nearest Neighbors (KNN), Decision Trees, Logistic Regression**, and **Support Vector Machine (SVM)**.
- Utilized various error measures including **F1-score, MSE, RMSE**, and **Logloss**, **achieving accuracy improvements of up to 15%** and **reducing error rates by 20%.**

CERTIFICATIONS

Machine Learning with Python	*IBM*	*Certificate*
SQL:A Practical Introduction to Querying Database	*IBM*	*Certificate*
Pre-MBA Statistics	*IIM Ahmedabad*	*Certificate*
Mastering Data Analytics - Python, SQL, Excel, Tableau	*GeeksforGeeks*	*Certificate*
Mastering Data Structures and Algorithm using C and C++	*Udemy*	*Certificate*
How to Use Chatgpt and Generative AI to create content	*Udemy*	*Certificate*
The Complete Python Bootcamp From Zero to Hero in Python	*Udemy*	*Certificate*
The Complete JavaScript Course 2024: From Zero to Expert!	*Udemy*	*Certificate*

POSITION OF RESPONSIBILITY

Corporate and PR Executive | *IEEE DTU*   *December 2022 – April 2024*
- **Organized and managed** major college-level tech events (INVICTUS, Vihaan Hackathon) engaging thousands of participants; **secured sponsorships and partnerships**, and **implemented marketing and PR campaigns** to boost visibility and participation
- **Led planning and execution** of large-scale events, ensuring seamless operations; **managed diverse teams**, facilitated technical aspects (coding events), and aligned them with **current industry trends.**

AWARDS AND ACHIEVEMENTS

Received High Commendation Award in National Social Summit MUN(Delhi Zonals).

Received Academic Excellence Award by District Collector and facilated by Jharkhand government minister.

Solved 250+ Data Structures and Algorithm Quality Questions.