DHINESH KUMAR

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SUMMARY

I am an ambitious data scientist in training, currently pursuing my bachelor's degree in Computer Science at Vellore Institute of Technology. I am deeply engaged in web development and actively working on data science projects, driven by a passion to delve into data science and uncover insightful findings. I possess excellent team-building and management skills, with a proven track record of success.

EDUCATION

Vellore Institute of Technology   Vellore, TN
Bachelor of Science in Computer Science   July 2023 – July 2027
- Highest GPA: 9.49/10.00

Sri Narayani Vidyashram(CBSE)   Vellore, TN
Bachelor of Science in Computer Science   March 2022 – March 2023
- Percentage: 83.6%

SKILLS

- **Programming** : Python, C, C++
- **Data Science** : Data Analysis, Machine Learning, NumPy, Pandas, Matplotlib, Scikit-Learn,
- **Development** : HTML, CSS
- **Operating Systems** : Windows, Linux
- **Database** : Oracle, MySQL, SQLite
- **Software** : MS Office, GitHub, Power BI, Figma
- **Others** : Problem Solving, Critical Thinking, Communication, Leadership

PROJECTS

Adidas Sales EDA | Link
Exploratory Data Analysis

- Conducted a comprehensive Exploratory Data Analyss (EDA) of Adidas Sales data, focusing on data cleaning, preprocessing, statistical calculations, and visualizations to identify sales patterns across time and regions.
- Segmented customers based on purchasing behavior and demographic data, providing valuable insights into target audiences and enhancing understanding of customer preferences.

Titanic Survival Prediction | Link
Machine Learning

- Utilized the publicly available Titanic dataset and conducted thorough data preprocessing, including handling missing values and transforming categorical features, to prepare for predictive analysis.
- Developed and evaluated multiple machine learning models Logistic Regression, Decision Tree, Random Forest and Support Vector Machine (SVM) to predict passenger survival, achieving the highest accuracy of 84.92% with the Random Forest model.
- Analyzed the results to identify key factors influencing survival, leveraging tools such as Pandas, NumPy, Python for data processing and Matplotlib and Seaborn for data visualization

COURSE WORK

- **Semester 1** : Python, Discrete Mathematics, C Programming, Software Engineering, Computer Architecture
- **Semester 2** : Data Structures, Probability and Statistics, DBMS, Object Oriented Programming

HONORS & INVOLVEMENT

- Secured 3rd place in python Code-a-thon conducted by Capsule Labs during my first semester
- Received Merit Scholarship from VIT for Academic excellence
- Received Cent Percent Attendance Scholarship from VIT for maintaining consistency
- Presented an IEEE conference paper during my first year