BHARATH SINGH G

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Objective

Aspiring Python Full Stack Developer with a strong foundation in Machine Learning and Data Analytics. Proficient in Python, Django, React.js, and MySQL with practical project experience. Adept at building scalable web applications and predictive models. Seeking an opportunity to apply my technical skills in a dynamic organization. Committed to continuous learning and delivering high-quality solutions.

Project

Title: Customer Segmentation Using K-means Clustering
Objective: By using the dataset visualizing the sales of product to increase the growth of that product.
- Built by python using jupyter notebook.

Title: Loan Prediction Using Machine Learning
Objective: To develop a machine learning model that accurately predicts loan approval status
based on applicant data such as income, credit history, employment status, and loan amount.
This model aims to assist financial institutions in automating the loan approval process,
thereby enhancing decision-making efficiency and reducing default risks.

- Built by python using jupyter notebook and colab.

Title:EDUBOT: Enhancing Education With Intelligent Chat-Based Interaction
Objective: The objective of this project is to develop a real-time system that tracks
personal expenses, categorizes spending, and provides intelligent financial advice using
machine learning techniques. It aims to help users manage their budgets, identify spending
patterns, and make informed financial decisions.
- Built using Python in Idle.

Technical Skills
- **Programming Language :** Python, JavaScript's
- **Frontend Technologies :** HTML5, CSS3, React.js
- **Backend Frameworks :** Django,Flask
- **Database :** MySql,Oracle
- **Machine Learning :** Supervised & Unsupervised, Model Evaluation, Data Preprocessing
- **Version Control :** Git, GitHub
- **Concepts :** Object-Oriented Programming(OOPs), Data Structures & Algorithms(DSA)
- **Tools & Platforms :** VS code , Jupyter Notebook, Google Colab, Power BI, Excel

Certifications
- Python Full-Stack Development – Qspiders.
- UI/UX Basic Course – Vels University.
- Machine Learning – Udemy

Internship

- NTech Learning Center Private Ltd (11/06/2024 - 28/06/2024)
  - Domain: Machine Learning
- Edu Tantr Private Ltd (Dec 2024 – Feb 2025)
  - Domain: Data science

- The Mind IT Private Ltd (Jan 2025 – Mar 2025)
  - Domain: AI&ML

Education

- **Vels University, Chennai (8.3 CGPA)**
  MSc. Data Science and Business Analytics – 2023-2025

- **Sri Sankara Arts and Science College, Kanchipuram(7.4 CGPA)**
  BSc. Mathematics & Statistics – 2019-2022

- **Don Bosco Higher Secondary School, Tiruvallur**
  HSLC – 2019
  SLC - 2017

Personal Skillset
- Content Creation and Editing
- Logical and Analytical Thinking
- Social Media Management
- Adaptability
- Multitasking

Languages
- English
- Tamil
- Hindi

Declaration
I hereby declare that all the information given above is true and correct to the best of my knowledge.