Vikram S

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Coimbatore, India

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Professional Summary

Data Science graduate with hands-on experience in Python, SQL, and data visualization tools like Power BI and Tableau. I am skilled in building machine learning models, performing exploratory data analysis, and deriving actionable insights. Passionate about applying data preprocessing, feature engineering, and statistical analysis to solve real-world business challenges using business intelligence tools.

Skills

- **Programming**: Python (NumPy, Pandas, Matplotlib, Scikit-learn, Seaborn), SQL

- **Visualization**: Power BI, Tableau, Matplotlib, Seaborn

- **Databases**: Oracle, PostgreSQL

- **Tools**: Git/GitHub, Jupyter Notebook, Google Colab, Visual Studio Code, Docker (Basics), Excel & Advanced Excel, Google Sheets

- **Data Science Concepts**: Data Cleaning, Data Wrangling, EDA, Feature Engineering, Statistical Analysis, Supervised/Unsupervised Learning, Regression, Classification, Clustering, A/B Testing, Model Evaluation (Confusion Matrix, ROC-AUC, F1-score), Cross Validation, Hyperparameter Tuning, Model Interpretability

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Projects

Crop Recommendation System using Machine Learning
Nov 2023 – Apr 2024

- Built a machine learning model to predict suitable crops and fertilizers based on soil parameters.

- Applied Random Forest algorithm with 85% model accuracy.

- Performed data cleaning, EDA, feature selection, and hyperparameter tuning.

- Created interactive dashboards using Power BI and Matplotlib for data storytelling.

- Tools used: Python (Pandas, Seaborn, Matplotlib), Scikit-learn, Excel.

Professional Experience

Web Marketing Engineer – CADAmps Technology
Aug 2024 – Present, Chennai

- Created and executed SEO strategies and web analytics reports.

- Coordinated with dev teams using HTML, CSS, JS for website optimization.

- Gained foundational understanding of marketing data analysis.

Education

Bachelor of Engineering in Computer Science and Engineering (CSE)
Hindusthan Educational Institutions, Coimbatore
Jul 2020 – May 2024

HSC
Vidyaa Vikas Educational Institutions, Pudukottai
Jun 2018 – May 2020

Certifications

- **Python Programming** – Besant Technologies (May 2025 – Jun 2025)

- **SQL Using Oracle Database** – (Apr 2025 – May 2025)

- **Excel & Advanced Excel** – (Jun 2025 – Jul 2025)

Languages

- Tamil: Native Proficiency
- English: Professional Working Proficiency