**VIKRAM R**

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**EDUCATION**  
**Bachelor of Engineering – Computer Science and Engineering** - CGPA: 76%  
HSC – 90%  SSLC – 82%

### **PROFILE SUMMARY**

### Analytical and detail-oriented Computer Science graduate skilled in Python, SQL, and data visualization. Experienced in building interactive dashboards, performing advanced analytics, and delivering actionable insights to drive decision-making. Strong problem-solving skills and proficient in both independent and collaborative work environments.

**SKILL SUMMARY**  
**Languages**: Python, SQL  
**Frameworks/Libraries**: NumPy, Pandas, Matplotlib  
**Tools**: Power BI, Excel, MySQL, Git, GitHub  
**Platforms:** Visual Studio Code, Jupyter Notebook, PyCharm

**PROFESSIONAL DEVELOPMENT**

**Green Skills & Artificial Intelligence Program** — *Edunet Foundation* (3 months)  
Completed training in Python, NumPy, Pandas, and Matplotlib, with foundational knowledge in Artificial Intelligence, Machine Learning, and Green Skills. Applied learning in a hands-on project on waste classification using computer vision.

**PROJECTS**

**Power BI – E-commerce Sales Dashboard** | [LINK](https://github.com/vikram3192/sales-dashboard-powerbi)

* Designed and developed an interactive Power BI dashboard to analyze sales trends, top-selling products, and regional performance.
* Implemented data cleaning, transformation, and modeling for accurate analytics.
* Created KPI metrics to support data-driven decision-making.

**Python – Waste Classification System (Computer Vision)** | [LINK](https://github.com/vikram3192/Waste-sorting-using-computer-vision)

* Built a real-time waste classification model using TensorFlow and OpenCV.
* Classified waste into categories such as plastic, paper, metal, and organic using a CNN trained on custom/public datasets.
* Developed a simple, deployable interface for industrial and household use.

**CERTIFICATIONS**

**Python Programming – EduPrep** | [CERTIFICATE](https://drive.google.com/file/d/1XKJco4It8qRwEFncq3eeo1FKDa4tqG9n/view?usp=drive_link" \t "_new)

* Learned Python fundamentals, data structures, and object-oriented programming.
* Completed hands-on exercises and projects to reinforce coding skills.

**Green Skills & Artificial Intelligence – Edunet Foundation** | [CERTIFICATE](https://drive.google.com/file/d/1XH0oRKLcl-q-SLGZc4lBqELFzKE1_rcV/view?usp=sharing)

* Studied AI concepts and sustainable technology applications.
* Worked on practical AI-based solutions for environmental challenges.

**LANGUAGES KNOWN**  **– Tamil** , **English**