VIKRAM R

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EDUCATION

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

PROFILE SUMMARY

Python Developer with strong expertise in Python, SQL, and software development. Experienced in building data-driven applications, computer vision models. Skilled in problem-solving, debugging, and writing clean, efficient code

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

Python – Job Portal Web Application (Python, Flask, MySQL)

- Developed a full-stack job portal using **Flask** for backend and **MySQL** for data storage.
- Implemented user authentication, role-based access (Job Seekers & Recruiters)
- Designed REST APIs to manage job postings, applications, and profile data.

Python – Waste Classification System (Computer Vision) | LINK
- 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.
- Designed a deployable interface for industrial and household waste management.

CERTIFICATIONS

Python Programming – EduPrep | [CERTIFICATE](#)
- 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](#)
- Studied AI concepts and sustainable technology applications.
- Worked on practical AI-based solutions for environmental challenges.

LANGUAGES KNOWN – Tamil , English