VIGNESHWARAN K
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CAREER OBJECTIVE

Seeking an opportunity in order to obtain a good position which will help me to implement my skill for the company's growth. An engineering graduate with a passion to work in the reputed organization, I am eager to leverage my skill and enthusiasm to contribute in the company's growth. I have confident in my ability to adapt to new challenge and work as a team.

EDUCATION

Bachelor of Technology in Artificial Intelligence and Data Science. April 2025
Rajalakshmi institute of technology, Chennai.
GPA: 8.08/10.00

Higher secondary, Class XII. March 2021
S.H.N.V. higher secondary school, Sivakasi.90.04%

Class X. March 2019
S.H.N.V. higher secondary school, Sivakasi.85%

SKILLS SUMMARY

Programming Languages: Python, JAVA, SQL, Manual Testing**,** Automation Testing (Selenium)**.**
Frameworks & Libraries: Django, Pandas, Numpy, Resnet, Alexnet, TensorFlow, Selenium.
Tools: MS Office, Power BI, Figma, QGIS.
Platforms: Visual Studio Code, Anaconda, Chat GPT.
Soft Skills: Team Worker, Problem Slover, Adaptability.
Communication Languages: Tamil, English**.**

EXPERIENCE

Deep Learning Internship:

I completed a 3-month internship at Spiro Prime Technology (Dec 2024 – Mar 2025), where I worked on a Deep Learning project involving model development, training, and evaluation. Gained hands-on experience with Python, TensorFlow, and neural network architectures while enhancing skills in data preprocessing and machine learning workflows.

Intel Unnati Industrial Training:

I completed the Intel Unnati Industrial Training, where I worked on a project titled "Analysing Road Accidents on Indian Roads." During this training, I used Power BI and GIS tools to analyze and visualize road accident data across India. The project involved identifying accident hotspots, understanding trends, and presenting insights through interactive dashboards. This experience helped me improve my skills in data analysis, visualization, and real-world problem-solving**.**

PROJECTS

Plant Disease Detection Using Deep Learning:

Developed a web-based application to detect and classify plant leaf diseases using deep learning. The model was trained on a dataset covering 10 types of plant diseases with over 20 classification categories. Implemented and compared models using AlexNet, ResNet, and a custom ManualNet architecture, achieving an accuracy between 87% to 90%. The frontend interface was deployed using the Django framework, enabling users to upload leaf images and receive instant disease predictions. This project strengthened my skills in Python, CNNs, TensorFlow, Django, and image classification.

EXTRA-CURRICULAR ACTIVITY

Workshop:

- I participating in a 3-days workshop on Emerging Data Engineering Technologies, organized by the Department of Computer Science & Engineering at Sir Venkateswara College of Engineering.

Conferences:

- I participated in the international conference ETAST, conducted by Kalasalingam University (Virudhunagar).
- I participated in the International Conference on Neural Evolution and Adaptive Intelligence, conducted by SIMATS Engineering College (Chennai).

CERTIFICATES

Programming In Java- Java . Block Chain- BlockChain. MS Office- MS Office. Learnathon Certification- Learnathon

Microsoft Learn ML Builder- Learn ML. Microsoft Learn AI Builder- Learn AI .