

VETRIVELAN P

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Portfolio: <https://vetri2002.github.io/vetri-portfolio/>



CAREER OBJECTIVE

Actively seeking for an entry level software engineering position to apply my technical and analytical skills to create innovative solutions solving complex problems with usability, security and scalability in mind.

TECHNICAL SKILLS

Programming: C, Python, SQL, HTML/CSS, Animations Kit

Tools: MS-Office, Visual Studio Code, Unreal Engine 5, Blender, Postgresql, GitHub, Power BI

PROJECTS

Information Retrieval using ducky	6 months	Ducky script, kali Linux
During an ethical hacking exercise, we utilized the Digi-spark development board to extract data from personal computers in the vicinity as part of our information retrieval efforts.		
Web data scraping on URL using bot	6 months	Visual Studio
Retrieve information from a webpage through scraping and process it to effectively respond to user inquiries via a chatbot.		
Crop Yield Identification and Recommendation	6 months	Power BI, ML
Determining suitable crops for the soil according to its characteristics like pH, temperature, humidity, etc. and employing Power BI for cleaning, profiling, and visualizing the soil data which will be used in later stages for Machine Learning (ML) model training.		

EDUCATION

Bachelor of Engineering (BE) - Computer Science and Engineering, Dr. Mahalingam College of Engineering and Technology (MCET), Pollachi GPA 9.1

CERTIFICATIONS & TRAINING

- Proficient in advanced web scraping and crawling techniques using **Python**, as acquired through **Udemy** training.
- Successfully attained a certification in fundamental **SQL** skills through **Hacker rank**.
- Achieved certification in **AWS Academy Cloud** Foundations.
- Participated in internship training at **IBM** focusing on **Cyber Security**.
- Engaged in **practical, hands-on** experience in an industrial setting at **BSNL**, Coimbatore.

CO-CURRICULAR ACTIVITIES

Paper presentation on " Emotional Intelligence handling " at MCET	2023
Actively participated a workshop on " Cyber security and ethical hacking " at MCET	2022
Paper presentation on " Artificial Intelligence (AI)in health care " at MCET	2021
Attended a workshop on " Internet of Things (IOT) " at MCET	2021