

YUGENDRABALAJI VENKATACHALAM

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EDUCATION

PSG College of Technology

Bachelor of Engineering

Major in Electrical And Electronics Engineering

GPA: 7.74*/10.0

Coimbatore, TN

COMPLETED 2024

A.G.N. Matric and Higher secondary School

12th – 81.5%

Salem, TN

COMPLETED 2019

PROFESSIONAL EXPERIENCE

Unilogic Technologies PVT .LTD

12/2022 – 03/2023

Intern

- Contributed to the web development team, gained expertise in HTML and CSS technologies.
- Acquired practical knowledge in Database Management Systems (DBMS) like MySQL and data analytics tools like PowerBI during the internship.

Cogent Automation PVT. LTD

07/2022 – 08/2022

Intern

- Interned in the industrial automation sector ,contributing to the testing of a manufacturing machine for MCBs.
- Acquired knowledge in the wiring of panel boards, gaining valuable insights into industrial automation processes.

PROJECTS

Data Analysis Projects

- Tech Stack: MS Excel, Power Query, Power BI
- Conducted in-depth data analysis and generated insightful reports based on Walmart sales Dataset and spotify streaming datasets.
- Utilized PowerBI to generate insightful reports that highlight key trends and patterns within the dataset using data visualization techniques.

Emotion Detection System

- Tech Stack: Python, Tensor Flow, OpenCV
- Developed an ML Model to display quotes based on a person's mood using OpenCV and Tensor Flow libraries in Python.

Energy Management Website

- Tech Stack: HTML, CSS , Flask , Javascript
- Developed a web page for home appliance control, enabling users to effortlessly turn appliances on and off and schedule specific timings for activation.
- Implemented functionality to display real-time energy consumption information on the web page.

SKILL SETS

- Languages:** C/C++ , Java , HTML/CSS , SQL
- Developer Tools:** PowerBI , Visual Studio Code , PyCharm
- Concepts:** OOPS , DSA , DBMS
- Platform:** Windows