

VIGNESH SARAN T

Hard Worker, Firefighter

I am a young enthusiastic person, a hard worker, and highly motivated to work on team projects to utilize and enhance my knowledge and skills with the growth of the organization.



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EDUCATION

Bachelor of Engineering-Electronics And Communications Engineering

Saranathan College of Engineering

2020 - 2024,

CGPA-8.2

Higher Secondary School

Akkv Aarunadu Matric Higher Secondary School

2020,

Percentage: 74

Secondary School Leaving Certificate

Akkv Aarunadu Matric Higher Secondary School

2018,

Percentage: 86

EXPERIENCE

Internship-Cognizant Artificial Intelligence Job Simulation on Forage - May 2024

https://forage-uploads-prod.s3.amazonaws.com/completion-certificates/Cognizant/5N2ygyhzmWjKQmgCK_Cognizant_2WWHQpKqAKKDX3BTz_1716947998135_completion_certificate.pdf

Tasks

- Completed a job simulation focused on AI for Cognizant's Data Science team.
- Conducted exploratory data analysis using Python and Google Colab for one of Cognizant's technology-led clients, Gala Groceries.
- Prepare a Python module that contains code to train a model and output the performance metrics for the Machine Learning engineering team.
- Communicated findings and analysis in the form of a PowerPoint slide to present the results back to the business.

SOFTWARE SKILLS

HTML

CSS

C

C++

JAVA

PYTHON

DIGITAL MARKETING

Canva

PROJECTS

Spotify Data Analysis

- Data Extraction:** Extract data from the Spotify database, which could include tables such as: Users, Songs, Playlists, etc.
- Data Transformation:** Cleaning and preprocess the data to handle missing values, duplicates, and inconsistencies.
- Data Analysis:** To analyze the Spotify data and derive insights.
- Data Visualization:** visualize the analysis results using tools like Python libraries like Matplotlib or Seaborn for easier interpretation and presentation.

Designing a Poster, Logo, Website on Canva, Running Meta Ads and Google Ads Campaign for Your Brand

- Poster Design and Logo Design on Canva :** Created eye-catching posters using templates, fonts, and graphics. Developed an unique logo using customizable design tools.
- Website Design on Canva or Blogger :** Built a responsive website.
- Meta Ads Campaign :** Managed Facebook and Instagram ads, targeting specific audiences to increase engagement.
- Google Ads Campaign :** Ran search and display ads, optimized for visibility and conversions.

IOT Based Driver Sleep Detection System Using Node MCU

- Monitors the driver's behavior in real time.
- If signs of drowsiness are detected by IR Sensor, a buzzer alarm is triggered to alert the driver.
- An accompanying web page interface provides continuous monitoring and alerts, ensuring road safety.
- A web page is created by HTML, CSS, and Javascript.

IOT Based Fire Accident Prevention And Battery Management System In Electric Vehicles

- An IoT-based Battery Management System (BMS) with Fire Accident prevention using Arduino Microcontroller and MATLAB-compatible user interface.
- Sensors including Temperature, Voltage, Flame, and Vibration are integrated to optimize battery usage and enhance vehicle efficiency.
- Real-time monitoring and alerts provide users with insights into Battery Health, Temperature, and Engine performance, ensuring timely intervention and safety.

PUBLICATIONS

Early Detection of Fire Accident in Electric Vehicle using Battery Management System.

International Journal of Multidisciplinary Research Transactions (IJMRT)

CERTIFICATES

Python Programming in Udemy

<https://www.udemy.com/certificate/UC-a3f359ec-3fff-47de-bbc8-cbc16dcd34a1/>

Google-Robotic Process Automation (RPA) in Guvi

<https://www.guvi.in/certificate?id=r3WlHzAn155629857&getUri=true>

C Programming

C++ Programming

WORKSHOPS

Workshop on Artificial Intelligence of Things(AIOT) in IIT Madras

Participated in a comprehensive workshop focused on Artificial Intelligence of Things (AIOT) held at the prestigious Indian Institute of Technology (IIT) Madras