VIGNESHWARAN V

S/O, S. Vijayan, 110, West Street, B. Ammapatti,
Bodinayakanur, Theni, Tamil Nadu, India – 625528.

DOB: 18-10-2001

vvigneshwaranmca@gmail.com
https://www.linkedin.com/in/vigneshwaran-v-84a5801b0
http://vigneshwaran.rf.gd/?i=1
+91 81898 40059

Objective

A dedicated and research-driven individual with a Master of Computer Applications (MCA), seeking to pursue a PhD in the field of computer science and technology. Passionate about Artificial Intelligence (AI) and Machine Learning (ML), with a strong interest in emerging technologies, data analysis, and automation. Experienced in journal writing, research analysis, and academic publishing. Committed to contributing innovative research that enhances AI-driven solutions, optimizes computing systems, and advances automation for real-world applications.

Experience

- **Junior Software Engineer** - Aggregate Intelligence India Pvt Ltd, Coimbatore.
  [03-06-2024 to Till]
  - Specialize in anti-bot bypass techniques and web scraping automation.
  - Develop solutions for captcha solving and web crawling.
  - Proficient in data management using SQL, PostgreSQL, MS SQL, and MongoDB.
  - Experience in handling AWS infrastructure and services for application deployment and data storage.

- **Internship** - Aggregate Intelligence India Pvt Ltd, Coimbatore.
  [06-09-2023 to 31-05-2024]
  - Data Engineering – Web Scraping, Aggregate Intelligence India Pvt Ltd, Coimbatore.

Educational Qualification

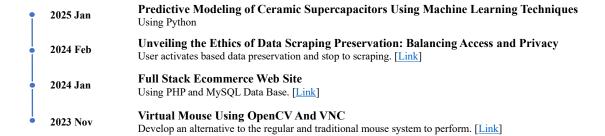| Year	Details
2022-2024	Master of Computer Applications – 8.95 CGPA at Erode Sengunthar Engineering College, Erode, Affiliated to Anna University, Chennai, Tamil Nadu, India.
2019-2022	B.Sc., Physics – 8.68 CGPA at Vivekananda College, Madurai, Affiliated to Madurai Kamaraj University, Madurai, Tamil Nadu, India.
2017-2019	HSC at ZKM Higher Secondary School, Bodinayakanur, Theni, Tamil Nadu, India.
2016-2017	SSLC at ZKM Higher Secondary School, Bodinayakanur, Theni, Tamil Nadu, India.

Technical Strengths

	Python		MySQL
	AWS		PostgreSQL
			MongoDB

Projects & Publications

Date	Details
2025 Jan	**Predictive Modeling of Ceramic Supercapacitors Using Machine Learning Techniques** Using Python
2024 Feb	**Unveiling the Ethics of Data Scraping Preservation: Balancing Access and Privacy** User activates based data preservation and stop to scraping. [Link]
2024 Jan	**Full Stack Ecommerce Web Site** Using PHP and MySQL Data Base. [Link]
2023 Nov	**Virtual Mouse Using OpenCV And VNC** Develop an alternative to the regular and traditional mouse system to perform. [Link]

Workshop / Conference

- International Conference on Integration of Emerging Technologies for the Digital World 2024 (ICIETDW'24) held at Sri Eshwar College of Engineering - September 2024
- 10th International Conference on Advanced Computing and Communication Systems held at VIT Chennai - March 2024
- Hands on Training workshop on "Machine Learning using Python" held at Kongu Engineering College – April 2023
- Workshop on Big Data Analytics using Hadoop held at Arasu Engineering College. – March 2023
- Workshop on Scientific Communications organized by CSIR – National Physical Laboratory – March 2022
- Participated in PHYSICS TRAINING AND TALENT SEACRCH (PTTS 2021) by Infosys Science Foundation Hosted by Ahmedabad University, Gujarat. 2021
- Participated in peer group discussion impact of NANO IN FUTURE Organise V V V College, Virudhunagar and Vivekananda College, Madurai. - 2021

Research Interests

- Artificial Intelligence & Machine Learning
- Data Analysis & Big Data Technologies
- Emerging Technologies

Academic & Research Experience

- Successfully submitted a research paper at a conference.
- Research experience in hand-on material discovery using AI and ML, applying machine learning techniques to uncover new materials and optimize their properties.
- Proficient in MATLAB for computational analysis and modeling.
- Strong knowledge and hands-on experience in data analysis.
- Expertise in live data extraction for real-time analytics and decision-making.