

# Vanama Yaswanth

## Data Scientist

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in LinkedIn 🐙 Github

### PROFESSIONAL -SUMMARY

- **2+years** of professional experience in the field of **Data Science, Machine learning & AI**
- Proficient in **Python, machine learning, deep learning, NLP, and Amazon Web Services (AWS) technologies, including EC2, S3, IAM, and VPC.**
- Machine Learning algorithms like **Random forest**, Unsupervised learnings like **SVM,KNN**, and **RL**
- Skilled in big data tools such as **Hadoop, Spark, PySpark, and Hive.**
- Expertise in data analysis using **PowerBI and statistical methods.**
- Solid understanding of C, C++, and blockchain technologies.
- Strong background in **developing and implementing AI and ML** models, with a focus on data visualization and algorithm design. I have a proven track record of delivering impactful insights and driving strategic outcomes.
- I am committed to leveraging data to optimize processes and make informed decisions. Adept at collaborating with cross-functional teams and effectively communicating complex concepts.
- And Delivered a Book on Data Science "Data Science for Kids" that Helps Kids In the starting of My career as a Data Scientist

### Skills

**Data Analysis** (Excel, Power-BI, SQL, Tableau, Quickview)

**Programming** (Python, C, C++, Go)

**Data Science** (Machine learning, Deep Learning, NLP, Opencv, RL, langchain)

**Big data** (Hadoop, Hive, MapReduce, spark, Pyspark, zoo keeper, Kafka, Airflow)

**Cloud (AWS)** (IAM ,Ec2,S3,Vpc,Lamda,Cloudwatch,Cloud formation)

**Devops /MLops** (MLflow , Docker)

### Professional Experience

#### Ineuron.ai

Associate Manager /Data Scientist

03/2023 – present

Bengaluru, India

- Developed and implemented comprehensive content strategies for data science courses, incorporating Python, Statistics, Machine Learning, and Deep Learning (Computer Vision + NLP) techniques.
- Reviewed and vetted recorded videos to identify errors and flaws, ensuring the delivery of error-free content to the target audience.

## Associated Project :

- Leveraged proficiency as a Data scientist to contribute to the development and integration of the chatbot system, using OpenAI and Lang-chain framework for seamless interaction between agents and automated task execution using NLP.

### Getlect.com

03/2022 – 01/2023

*Data Scientist / Team Lead*

Bengaluru, India

- Collaborated with a team of developers to build modern and responsive web applications using best practices with AI
- Built semantically structured with the AWS team for the Application
- Applied agile methodologies like SCRUM for project management
- As an SME, I need to Manage a project and Team with different stacks

#### Associate Projects:

- Getlect.com (Fullstack website with AI ) – It is a B2N application which is the interaction between Universities and companies in a very effective and Nobel way, to get the best results out of the website.
- Built a Recommendation system for the Students where they can get similar jobs for a Application they sent to the company suing Deep learning and Integrated with AWS

### Metroghar

11/2021 – 03/2022

*Data Analyst*

Bengaluru, India

- Developed interactive dashboards and customized data visualizations to present key insights derived from web scraping, resulting in a significant 45% increase in sales.
- Utilized programming skills to create automated data scraping programs, extracting relevant information from various websites and improving data collection efficiency.
- Conducted in-depth data analysis and applied statistical techniques to uncover valuable insights and trends, enabling data-driven decision-making and strategic planning.
- Collaborated with cross-functional teams to identify business requirements, design data-driven solutions, and effectively communicate findings and recommendations to stakeholders, facilitating informed decision-making processes.

## Publications

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### Lyrical Generator for Indian Languages | AI, Python

12/2022

- In my research, I developed a BI-Directional Long Short-Term Memory (LSTM) deep learning model to predict the next word in a song sequence.
- Through preprocessing and analysis of approximately 500 songs from various genres, I created a corpus of 544177 unique words using Numpy arrays to determine trainable parameters.
- I then built and trained the model on various epochs, achieving strong accuracy in predictions.
- The trained model was used to make educated guesses on the next word in a sequence based on context and dependencies between words.

## Projects

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### Sentimental Analysis

09/2021 – 05/2022

*Using Deep learning and Classification using different Algo*

As part of my academic coursework, I undertook a minor project to perform sentiment analysis on Twitter data. The project aimed to analyze the sentiment behind tweets and classify them as positive, negative, or neutral using deep learning techniques.

- Data Collection and Preprocessing: Utilized the Twitter API to gather a large volume of tweets related to a specific topic or event
- Sentiment Classification: Applied the trained model to classify the sentiment of unseen tweets. Analyzed the sentiment distribution and generated insights into the overall sentiment trends related to the chosen topic or event.
- Impact and Results: The sentiment analysis project showcased my ability to leverage deep learning techniques for sentiment classification tasks.

### Recommendation system using langchain

07/2023 – 07/2023

*Flask api and openai*

- Designed and implemented a recommendation system that leverages LangChain, and a powerful language model, to provide accurate predictions based on user inputs.
- Utilized Flask, a lightweight web framework, to build the application's backend and handle user interactions.
- Integrated the project with the OpenAI API to access the language model, enabling efficient and context-aware predictions.

## Organizations

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### Google Devloper Student Club

06/2021 – 07/2022

*AI /ML Lead*

Guna, India

- Led the AI/ML domain within GDSC (Google Developer Student Clubs) at my college, fostering a collaborative environment for students to explore and enhance their knowledge in the field. Actively engaged in organizing workshops, seminars, and hands-on sessions to teach and share insights with fellow students, promoting a culture of continuous learning.
- Passionately contributed to the growth of aspiring AI/ML enthusiasts by sharing my expertise and experiences. Developed and delivered educational sessions, mentoring fellow students in various AI/ML concepts and technologies. Created a supportive community where members could enhance their skills, exchange ideas, and collaborate on projects, fostering a spirit of learning and innovation.

## Languages

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Telugu • English • Hindi