

# Vignesh S

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## INTERNSHIP

### ASIAN PAINTS | EXECUTIVE INTERN

Present | Mumbai

### GEEK THEORY | DATA ANALYST INTERN

May 2024 – Jun 2024 | Chennai

- As a Data Analyst Intern at GeekTheory, I researched real-time lead generation using Google Ads and Google Trends to gather market insights. I also created Tableau dashboards to visualize key metrics, aiding in data-driven client acquisition strategies.

### MENTORNESS | MACHINE LEARNING INTERN

Aug 2024– Sep 2024| Remote

- Completed a machine learning internship, working on ML models and time series forecasting projects and analysis.

### MENTORNESS | DATA ANALYST INTERN

May 2024 – Jun 2024 | Remote

- Completed projects utilizing Tableau and SQL for data visualization and analysis.

### SUN TV NETWORK | RESEARCH INTERN

Dec 2022 | Chennai

- Observed how the data was collected and analysed. Also the calculation of TVR ,reach and timespend.

## PROJECTS

### DIGITAL CATALOG VIA PIM

- Mar 2025

- Developed a web-based digital catalog by first scraping data using Python and Regular Expressions, then updating the database and PIM. Automated data transfer to Oracle Database via Informatica and SFTP, ensuring seamless updates when changes occur in PIM.

### CHATBOT USING LLM

- Oct 2024

- Implemented an AI-powered chatbot using Groq API, Python, LangChain, and Streamlit to analyze resumes and job descriptions, generating ATS-friendly keywords for optimized candidate profiles. The main challenge was crafting effective prompts to ensure accurate keyword extraction.

### POTATO LEAF DISEASE PREDICTION

- May 2024

- Built a deep learning model using TensorFlow, OpenCV, Python, and CNN to classify potato leaf diseases with 88% accuracy. To overcome challenges related to image variations due to lighting and background noise, data augmentation techniques were applied for improved model robustness.

### CHATBOT USING ML

- Apr 2024

- Designed a virtual assistant chatbot using Python, Logistic Regression, TF-IDF Vectorizer, and Streamlit to provide college-related information to students. Created a primary dataset in JSON format, with challenges in handling diverse query variations and improving response accuracy.

### IPL SCORE PREDICTION

- Mar 2024

- Created a machine learning model using Python, Linear Regression, Pandas, and Scikit-learn to predict first-innings IPL scores with 93% accuracy. Trained on 100,000+ match records, overcoming challenges in handling large datasets by using efficient data preprocessing, feature selection, and dimensionality reduction for better performance

### NREGA ANALYSIS USING TABLEAU

- Jun 2024

### CORONA VIRUS ANALYSIS USING SQL

- Jun 2024

## EDUCATION

### M. SC. DATA SCIENCE

ST. JOSEPH'S COLLEGE, TRICHY - 02  
2023-2025

### B. SC. STATISTICS

ST. JOSEPH'S COLLEGE, TRICHY - 02  
2020-2023 | 75%

## SKILLS

- Python(numpy,Pandas,Scikit-learn, Tensorflow,spaCy,langchain)
- SQL
- AWS(EC2,S3)
- MongoDB
- Excel
- PowerBI
- Tableau
- HTML&CSS

## INTEREST

- Mathematics
- Data visualization
- Machine Learning
- Artificial Intelligence

## CERTIFICATES

- Data Analytics and Visualization Job Simulation | Accenture-Forage
- Data Analysis using Excel | Great Learning
- Python for Data Science | Swayam
- Python | Galwin Technology

## ACHIEVEMENTS

- Scout
- Secured Top 5 position in the Coding Competition at Christ College.

## LINKS

Portfolio:

<https://vigneshvicky.github.io/portfolio/>

LinkedIn:

[linkedin.com/in/vignesh-subramaniyan-55b264281](https://www.linkedin.com/in/vignesh-subramaniyan-55b264281)

Leetcode:

<https://leetcode.com/u/chennaivicky2/>