


# Yuvasri S

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 <https://github.com/YuvasriS216>

## EDUCATIONAL CREDENTIALS

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<b>Vel Tech High-Tech Dr.Rangarajan Dr.Sakunthala Engineering College.</b> <i>Bachelor of Engineering, Computer Science Engineering with Artificial Intelligence and Machine Learning</i> 8.2 CGPA	2022-2026
<b>Immaculate Heart of Mary Girls Higher Secondary School</b> HSC 76.66%	2021-2022
<b>Immaculate Heart of Mary Girls Higher Secondary School</b> SSLC 74.8%	2019-2020

## SKILLS

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|-------------------------------|---|
| • <b>Software &amp; Tools</b> | Python Programming, SQL Programming, Excel, Power BI                          |
| • <b>Soft Skills</b>          | Interpersonal Skills, Time Management, Critical Thinking, Attention to Detail |
| • <b>Development Skills</b>   | Web Development (HTML, CSS)   |
| • <b>Version Control Tool</b> | Git / GitHub familiarity  |

## PROJECTS

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<b>Product Demand Forecast - Mini Project</b> Implemented a forecasting model using statistical methods and machine learning algorithms on a Superstore dataset. Utilized time series algorithms such as ARIMA and SARIMAX for accurate demand predictions. Applied data manipulation techniques and visualized results using Matplotlib, aiding in insightful business decisions.	2023 - 2024
<b>Crop Disease Analysis - Mini Project (Ongoing)</b> Developing a Convolutional Neural Network (CNN) model to detect and classify crop diseases using image data. Applied advanced data preprocessing and feature extraction techniques for enhanced model performance. Utilized Python libraries such as TensorFlow and OpenCV for image processing and model training.	2024

## PROFESSIONAL DEVELOPMENT

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**Hackathon Participation (VOYAGE 2024, VIT Chennai)**  
Participated in an entrepreneurial dynamic hackathon as part of the E-Summit organized by V-NEST at VIT Chennai. Presented a demand forecasting solution, showcasing skills in statistical modeling and data visualization. Demonstrated innovative problem-solving and collaboration in a competitive environment.

**Data Science Job Simulation (BCG X via Forage)**  
Successfully completed an online job simulation program, gaining hands-on experience in data analysis. Covered key tasks including business understanding and hypothesis framing, exploratory data analysis, feature engineering and modeling, and developing insights and recommendations. Demonstrated strong analytical skills and practical application of data science methodologies.

**Cognitiveclass.ai by IBM**  
In the **Data Analysis with Python** course, I learned how to use Python for data analysis, including cleaning and manipulating data with Pandas and performing exploratory data analysis (EDA). I developed skills in visualizing data using libraries like Matplotlib and Seaborn, and I also gained experience working with NumPy for numerical operations. These tools helped me understand how to analyse real-world datasets and derive meaningful insights for data-driven decision-making.