

Varun V M

[varunvm.site](http://varunvm.site)

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## PROFILE

MCA graduate and data enthusiast with strong skills in Python, SQL, and machine learning. Experienced in building predictive models, interactive dashboards, and full-stack applications. Passionate about turning data into actionable insights and delivering scalable, user-friendly solutions. A quick learner and collaborative team player, eager to contribute to innovative data-driven projects.

## EDUCATION

- **Master of Computer Applications (MCA)**  
*Sathyabama Institute of Science and Technology* Chennai, India  
July 2024 – Expected 2026
  - **Bachelor of Computer Applications (BCA with Data Analytics)**  
*Bharath Institute of Higher Education and Research* Chennai, India  
September 2021 - April 2024
  - **SSLC – HSC II**  
*Sri Sankara Vidyalaya Matriculation Higher Secondary School* Chennai, India  
June 2018 – May 2021

## SKILLS SUMMARY

- **Programming Languages:** Python, Java, SQL, HTML, CSS, JavaScript.
  - **Data & ML Tools:** Scikit-learn, Pandas, Streamlit, Tableau, MS Excel.
  - **Machine Learning & AI:** Supervised Learning, Regression, Model Evaluation, Basic AI Concepts.
  - **Version Control:** Git, GitHub.
  - **Creative Tools:** Blender, Animaker.
  - **Soft Skills:** Communication, Collaboration, Creativity.

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## PROJECTS

## Gold Price Prediction Web App:

- Built a machine learning application to predict gold prices using historical financial data and regression models (Random Forest, Lasso, XGBoost).
  - Integrated user-friendly options for both data upload and manual input, enabling real-time predictions.
  - Deployed with **Streamlit**, making the app interactive and accessible without local setup.
  - **Tech:** Python, Pandas, Scikit-learn, XGBoost, Joblib, Streamlit, GitHub

**Link: Gold Price Prediction Web App**

## Chocolate Sales Dashboard:

- Designed an interactive dashboard for sales analysis and performance tracking.
  - Delivered insights through **country-wise comparisons and seasonal trends**, improving decision-making efficiency by 35%.
  - Helped management identify **\$280K in untapped revenue opportunities** by highlighting top-performing sales personnel.

**Tech:** Tableau, Excel, SQL, GitHub

**Link: Chocolate Sales Dashboard**

### **Gifty-fyy, an Ecommerce Platform:**

- Developed a responsive e-commerce web application with **HTML, CSS, JavaScript, and Bootstrap**.
- Implemented core features including **secure user authentication, shopping cart, and real-time inventory updates**.
- Optimized front-end performance and designed a **mobile-first UI**, ensuring faster load times and seamless user experience across devices.

**Tech:** HTML, CSS, JavaScript, Bootstrap, GitHub

**Link:** [E-Commerce Website](#)

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## **CERTIFICATE & ACHIEVEMENTS**

- **Tableau for Beginners** – Udemy (Issued: June 2025)
- **Python Development with Data Science** – Udemy (Issued: March 2025)
- **C++ and Java Crash Course** – Udemy (Issued: Nov 2024)
- **Paper Presentation on Vedic Maths** – Presented at *Indian Knowledge System Seminar* (March 2025)
- **Technical Seminars** – Delivered multiple sessions on **Machine Learning, Cloud Computing, and Computer Vision** during academic years (2023–2025)
- **Freelance 3D Animation Projects** – Created car animations and product showcase videos for small businesses using **Blender**; delivered **photorealistic renders, particle effects, and cinematic-quality animations** for marketing and branding purposes