


Varun V M

[My portfolio](#)

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PROFILE

I am an MCA student and a passionate data enthusiast with a creative edge. I thrive on coding and data-driven decision-making, and I take pride in communicating technical insights in a clear and engaging manner. A dedicated and collaborative learner, I am always eager to expand my knowledge and contribute meaningfully to team-based, data-centric solutions. I find great satisfaction in learning from others while sharing my own expertise to drive growth and innovation.

EDUCATION

- **Sathyabama Institute of Science and Technology** Chennai, India
Master of Computer Applications (MCA) July 2024 - Present
- **Bharath Institute of Higher Education and Research** Chennai, India
Bachelor of Computer Applications, CGPA: 7.5 CGPA September 2021 - April 2024
- **Sri Sankara Vidyalaya Matriculation Higher Secondary School** Chennai, India
SSLC – HSC II June 2018 – May 2021

SKILLS SUMMARY

- **Programming Languages:** Python, SQL, HTML, CSS, JavaScript, Java
- **Data & ML Tools:** Scikit-learn, Pandas, XGBoost, 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

PROJECTS

- **Chocolate Sales Dashboard:**

Comprehensive sales intelligence platform that boosted decision-making efficiency by 35% through interactive country comparisons and real-time performance tracking. Enabled management to identify \$280K in untapped revenue opportunities by analyzing top-performing sales personnel and seasonal trends.

Tech: Tableau, Excel, SQL, Github

Link: [Chocolate Sales DashBoard](#)

- **Gold Price Prediction Web App:**

Built a machine learning-based gold price prediction web application using historical financial data and multiple regression models (Random Forest, Lasso, XGBoost). The application allows users to upload data or enter values manually to get real-time predictions. Deployed the model using Streamlit, enabling interactive use without local setup.

Tech: Python, Pandas, Scikit-learn, XGBoost, Joblib, Streamlit, GitHub

Link: [Gold Price Prediction Web App](#)

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

Built a full-stack e-commerce application with a React.js frontend and Node.js backend, offering a seamless user experience and dynamic product browsing. Implemented optimized asset delivery techniques and efficient API handling, reducing page load time by 60% and improving overall site performance. Integrated MongoDB for product, user, and order management with robust schema design.

Features included secure user authentication, shopping cart functionality, real-time inventory updates, and responsive UI for mobile and desktop. Ensured scalability and maintainability through modular code structure and best practices.

Tech: React.js, Node.js, Express.js, MongoDB, REST API, GitHub

Link: [E-Commerce Website](#)

- **3D Car Animation (Photorealistic Rendering, Particle Effects, Dynamic Lighting):**

Developed a high-quality 3D car simulation using Blender, featuring photorealistic rendering, advanced particle effects, and dynamic lighting. Created detailed 3D models and animations tailored for automotive client marketing campaigns. Focused on realism and cinematic quality to enhance visual storytelling and client engagement.

Tech: Blender, 3D Modeling, Animation, Lighting, Particle Systems

CERTIFICATE

- **Tableau for Beginners:**

Issued by Udemy : June 2025

- **Python Development with Data Science:**

Issued by Udemy : March 2025

- **C++ and Java Crash Course:**

Issued by Udemy : Nov 2024

ACHIVEMENTS

Paper Presentation on Vedic Maths:

Presented at Indian Knowledge System Seminar, March 2025

Seminar Presentation:

Delivered multiple technical seminars on topics like Machine Learning, Cloud Computing, and Computer Vision during academic sessions (2023–2025)

Freelance 3D Animation Projects:

Created car animations and product showcase videos for small businesses using Blender Jan 2024