

# Ganesh M

*Artificial Intelligence and Data Science Student*

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## PROFILE

Aspiring Data Scientist with a strong foundation in Artificial Intelligence and Data Science. Skilled in Python, Machine Learning, and Data Analytics with experience developing predictive models and visualizing complex data insights. Passionate about leveraging data-driven approaches to solve real-world problems and contribute to innovative projects.

## EDUCATION

B.E. – Artificial Intelligence and Data Science

Global Academy of Technology, Bengaluru, India

Duration: Sept 2023 – July 2027

## SKILLS

- Programming: Python, SQL
- Machine Learning: Supervised & Unsupervised Learning, Regression, Classification, Clustering
- Libraries: Pandas, NumPy, Matplotlib, Scikit-learn, Seaborn
- Tools: Tableau, Power BI, Excel, Jupyter Notebook, Streamlit
- Soft Skills: Critical Thinking, Problem Solving, Effective Communication

## PROJECTS

### Credit Card Fraud Detection System

- Built a machine learning model to detect fraudulent transactions using a real-world dataset of over 280,000 records.
- Applied SMOTE and undersampling techniques to manage highly imbalanced data.
- Achieved 98% precision, validated using ROC-AUC and Confusion Matrix.
- Tools: Python, Scikit-learn, Pandas, Jupyter Notebook
- GitHub: <https://github.com/metiganesh7/Credit-card-fraud-detection>

### Time-Series-analysis-and-Forecasting-stock-market data prediction

- Analyzed historical stock data to uncover significant trends and patterns.
- Developed regression models (Linear Regression, Random Forest) and evaluated using R-squared.
- Built a Streamlit app for real-time stock predictions and visualizations.
- Tools: Python, Pandas, NumPy, Scikit-learn, Jupyter Notebook
- GitHub: [https://github.com/metiganesh7/Time-Series-analysis-and-Forecasting-stock-market data prediction](https://github.com/metiganesh7/Time-Series-analysis-and-Forecasting-stock-market-data-prediction)

## COURSES & CERTIFICATIONS

- Python for Data Science (NPTEL)
- Data Science (Internshala)
- Introduction to Data Analytics (IBM SkillsBuild)
- Getting Started with Artificial Intelligence (IBM SkillsBuild)
- Python (HackerRank)
- Data Fundamentals (IBM SkillsBuild)
- Data Science for Engineers (NPTEL)