

# SAPTHAVARNI DEVINENI

sapthavarnidevineni@gmail.com | LinkedIn - [www.linkedin.com/in/sapthavarni-devineni-573311252](https://www.linkedin.com/in/sapthavarni-devineni-573311252) |  
ph:7162797657

## SUMMARY

---

Motivated Data Science graduate with hands-on experience in data analysis, machine learning, and predictive modeling. Proficient in Python, R, SQL, and data visualization tools, with practical knowledge gained through internships in diverse industries. Adept at collaborating with teams to deliver data-driven solutions and optimize business processes.

## INTERNSHIPS

---

### Shiash info solutions

Feb 2024 - July 2024

Data Scientist Trainee

- Assisted in data preprocessing, cleaning, and analysis for client projects.
- Collaborated with teams to provide data-driven solutions based on business needs.
- Gained experience in Python, R, and SQL for data manipulation and visualization.
- Contributed to automating ETL processes through data pipeline development.

## EDUCATION

---

### University at Buffalo, The State University of New York

Aug 2024 - June 2026

Masters in Data Science

### MLR Institute of Technology and Management

Nov 2020 - April 2024

Bachelors in Computer Science(Cyber Security)

## PROJECTS

---

### Fake Currency Detection using Machine Learning

- Developed a machine learning pipeline using image processing and feature extraction (texture analysis, watermark detection, serial number recognition) for currency classification.
- Trained and optimized SVM and Random Forest algorithms for counterfeit detection with high accuracy.
- Utilized Python, OpenCV, and TensorFlow for preprocessing, feature engineering, and model development.

### Chronic Kidney Disease Risk Prediction

- Designed a machine learning model to predict CKD risk using patient data (demographics, lab results, medical history) through feature extraction and selection.
- Trained and evaluated algorithms like Logistic Regression, Random Forest, and XGBoost to identify high-risk individuals and support early detection of CKD.
- Enabled personalized healthcare strategies by leveraging predictive analytics for risk assessment and CKD progression management.

## SKILLS

---

- **Technical Skills:** Python, R, SQL, Numpy, Pandas, Hypothesis Testing, Regression Analysis, Matplotlib, Scikit learn, Tableau, Power BI, Excel, TensorFlow, Keras.
- **Soft Skills:** Communication, Time-management, Teamwork, Leadership.

## CERTIFICATIONS

---

- Completing the course basics of Data Science - Infosys
- Data Science Course - Coincent
- SQL for Data Science - Internshala
- Programming Essentials in C and Python - Cisco