

# Sri Ganesh Shiramshetty

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## EDUCATION

### SUNY New Paltz

*Masters in Computer Science. GPA : 3.70*

New Paltz, NY

*Aug. 2022 – May 2024*

## EXPERIENCE

### Graduate Assistant, Office of Communication and Marketing

*SUNY New Paltz*

Aug 2023 – Present

*New Paltz, NY*

- Enhanced departmental visual and digital assets through proficient graphic design and web development, boosting online engagement metrics.
- Optimized official social media pages, resulting increase in audience interaction.
- Integrated creative flair and technical expertise to revamp online communication strategies, leading to improvement in content reach and engagement.

### Student Intern, Office of Communication and Marketing

*SUNY New Paltz*

Jan 2023 – Aug 2023

*New Paltz, NY*

- Redesigned UI/UX elements, reducing bounce rates and increasing user interaction.
- Collaborated with cross-functional teams, optimizing communication strategies and achieving an increase in project efficiency and completion rates.

## PROJECTS

### Hotel Reservations Predictions Using Classification | *Machine learning*

Feb 2023

- Developed and implemented a cutting-edge program specializing in hotel booking cancellation forecast.
- Successfully predicted customer cancellation likelihood by utilizing advanced techniques such as Logistic Regression, Random Forest Classifier, and Decision Tree Classifier.
- Employed active learning methodologies to train the program, enhancing its accuracy and efficiency.

### Predict future crude oil prices using Ensemble learning | *Machine Learning*

Dec 2022

- Trained various regression models using crude oil dataset to minimize error value.
- Utilized 5 supervised learning models (SVR - linear, RBF, polynomial; Random Forest Regression; Linear Regression) to determine the most accurate and high-performing option
- Analyzed the performance and accuracy of each model to identify the best-performing regression model for the dataset.

### Student Management System | *Spring API, Java, Maven*

May 2020 – May 2020

- A full stack web application for student management.
- Performs CRUD Operations on student data.
- Students can manage their courses and feedback.

### E-commerce Website Development | *Full Stack*

May 2020

- Developed a responsive e-commerce website utilizing HTML5, CSS, and JavaScript, resulting in an increase in user engagement within three months.
- Implemented Bootstrap to enhance website responsiveness, reducing loading times by 25.
- Optimized website performance, achieving improvement in overall user experience based on user feedback and surveys.

## TECHNICAL SKILLS

**Languages:** Java, C/C++, SQL, JavaScript, HTML/CSS, Node JS, DOM, Express, Machine Learning.

**Developer Tools:** Git, AWS Platform, VS Code, Visual Studio, Eclipse, MySQL, Google Collaborator, Unix Shell.

**Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Plotly, Scikit-Learn.

## PUBLICATIONS

Product rating estimation using machine learning