

# Sai Priya Vaddineni

LinkedIn: [linkedin.com/in/sai-priya-vaddineni](https://www.linkedin.com/in/sai-priya-vaddineni)

Github: [github.com/priyavaddineni](https://github.com/priyavaddineni)

Email: [priyavaddineni110@gmail.com](mailto:priyavaddineni110@gmail.com)

Mobile: +1-248-605-5533

## EDUCATION

---

### Michigan State University

*Master of Science - Computer Science and Engineering*

East Lansing, US

*Aug 2020 - Dec 2021*

### SASTRA University

*Bachelor of Technology - Computer Science and Engineering*

Thanjavur, India

*June 2014 - May 2018*

## TECHNICAL SKILLS

---

**Languages:** Python, C++, C, JavaScript, SQL, Java, HTML, CSS

**Frameworks:** Express.js, Bootstrap, jQuery

**Tools:** Service Now, Jira, Brouha, Git, Tableau

**Libraries:** Pandas, NumPy, Matplotlib, Scikit-learn, Opencv, TensorFlow, Keras, PyTorch

## EXPERIENCE

---

### Michigan State University

*Graduate Teaching Assistant*

East Lansing, US

*Jan 2021 - Present*

- Teaching over 150 undergraduate students in a weekly lab session that explores the fundamental concepts in Python. Holds office hours to assist students with difficulties in the concepts and assignments.

### Tata Consultancy Services

*System Administrator*

Hyderabad, India

*June 2018 - Dec 2019*

- Analyzing and fixing problems related to servers and evaluating the status of servers. Applying operating system updates, and configuration changes on servers.
- Effectively worked with automation team to automate fixing less priority server alerts.
- Worked on problem management with application teams on daily and weekly basis to reduced noisy alerts.
- Performed root cause analysis to figure out permanent solutions to recurring incidents on servers as part of problem management.

### National Remote Sensing Center - ISRO

*Intern*

Hyderabad, India

*May 2017 - July 2017*

- Developed a mobile application that is used for disaster mitigation, relief, and management. Using GPS, this application helps users at disaster locations to connect to volunteers nearby.

## PROJECTS

---

**Road Accident Data Analysis:** Designed an interface in which the user would provide a large volume of accident data with heterogeneous attributes. Data is analyzed to determine major factors associated with road accidents at a specific location.

**Marketing using Instagram Data:** Developed a website that uses data similar to the Instagram users data, to provide useful insights to product sellers, to market their product. Based on the users product, the website retrieves data which has details regarding instagramers who are likely to buy their product so that the user can market their product to that specific people to gain more profit.

**ChatBot:** An open-domain Chatbot with personality that imitates a character in TV show: Joey from Friends, is built using sequence to sequence model along with attention mechanism.

**Movie Genre Prediction:** Scored 92% accuracy in classifying multiple genres of a movie using Random Forest Classifier, Logistic Regression involving a huge data set cleaning and feature engineering.

**ToDoList:** Developed and deployed a website on Heroku, which is used to organize everything at one place, manage tasks and ideas.

## CERTIFICATIONS

---

- Redhat Certified System Administrator
- AWS Solution Architect
- Full Stack Web Development

## SCHOLARSHIPS AND AWARDS

---

- National Merit Scholarship in Higher secondary school (2014).
- Dean's List Merit Scholarship for two years at SASTRA University (2014-2016)
- Certificate of Excellence at TCS