

# Satya Pavan Kalyan Gude

Computer Science Professional

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## INTRODUCTION

Experienced software developer with a solid background in front-end development, as well as Machine Learning, Deep Learning and AI. Possesses excellent communication, analytical, and critical thinking skills. Currently enrolled in a master's program in Computer Science at the University of Missouri St. Louis, with an anticipated graduation date in May 2024. Actively seeking career opportunities within the tech industry.

## SKILLS

**Programming Languages:** Java, Python, SQL, JavaScript, HTML5, CSS

**Frameworks/Technologies:** React.js, Redux, PostgreSQL

**Machine Learning/AI:** TensorFlow, Keras, scikit-learn, Pandas, Numpy, Grad-CAM, LIME, Deep Learning, Interpretable Machine Learning, Basics of pyspark, Databricks with AWS.

**Tools:** Jupyter Notebook, Excel, Kaggle, Google Colab, Tableau, Power BI, Overleaf

**Soft Skills:** Team player, Bias for action, Deliver results.

## PROFESSIONAL EXPERIENCE

### Front End Developer, OYO Rooms, India

Sep 2021-Dec 2022

- Developed responsive web pages for Relational Managers to monitor and update pricing structures.
- Designed user-friendly interfaces using React.js, ensuring compatibility across devices and browsers.
- Created dynamic web pages with HTML5, CSS, and JavaScript for easy data management.
- Conducted thorough testing and debugging to ensure seamless user experiences.

### Student Facility Manager, University of Missouri St. Louis

June 2023-Apr 2024

- Managed event logistics, ensuring all facilities were properly set up and maintained for various events.
- Coordinated with event organizers to ensure their needs were met, providing excellent customer service.
- Supervised a team of student workers, delegating tasks and ensuring efficient event execution.
- Assisted in organizing and facilitating workshops, seminars, and enrichment activities to support holistic student development.

### Quality Assurance Engineer, OYO Rooms, Hyderabad, India

Sep 2019-Aug 2021

- Created comprehensive test plans outlining testing strategy, scope, resources, and schedule for various software projects..
- Conducted manual testing for web and mobile applications, identifying and reporting bugs and ensuring software quality..
- Developed and maintained automated test scripts using selenium to increase test coverage and efficiency.
- Performed regression testing to ensure that new code changes did not negatively impact existing functionality
- Utilized bug tracking tool JIRA to log, track, and manage defects throughout the software development lifecycle.
- Worked closely with development teams to understand requirements, provide feedback on design, and ensure testability of code.

## EDUCATION

### University of Missouri St Louis

Jan 2023-May 2024

Master of Science in Computer Science

**Relevant Coursework:** Web Java, Advanced Data Structures, Programming Languages, Artificial Intelligence, Deep Learning, Interpretable Machine Learning.

### S.R.K.R Engineering College (Affiliated by Andhra University) (India)

May 2015-Apr 2019

Bachelor of Science in Computer Science

**Relevant Coursework:** Web Technology, Java, C++, DBMS, SQL.

## CERTIFICATIONS AND AWARDS

**Best Individual Performer 2021(Fall)** (OYO ROOMS)

**Best Performer and Party Animal 2024** (Student Facility Manager)

**Artificial Intelligence Certification 2024** (University of Missouri St. Louis)

## PROJECTS

### Emotion and Gender Recognition: Training AI to Decipher Facial Recognition:

- A CNN Model for Emotion and Gender Recognition using Tensorflow and Keras.
- Enhanced Interpretability with LIME and Grad-CAM.

**Surfing the Waves of Data: Web Traffic Analysis and Anomaly Detection:**

- Analyzed and predicted web traffic using LSTM on Wikipedia dataset(Real Time Dataset, Provided by google in kaggle competition).
- Used anomaly detection techniques to identify unusual traffic patterns.

**Stroke Prediction AI Model:**

- Built Machine Learning model to predict stroke likelihood using feed forward neural networks.
- Achieved high accuracy and provided valuable insights.

**A Burger Builder: Web Application:**

- Built a responsive web application with React.js and Redux, which allows users to build and order burgers.
- Integrated firebase for real-time data storage and order management.

**Other Machine Learning and Deep Learning Projects:**

- Bike Rentals, Cervical Cancer, YouTube Spam etc.,

**CONTACT ADDRESS**

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