




# SIVA SUBRAMANIAM R

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OFFICAL LINKS



## SUMMARY

I am a recent graduate with a strong academic foundation in Artificial Intelligence and Python programming. I have developed a solid understanding of AI concepts and hands-on experience with key Python libraries and frameworks. I'm seeking opportunities to apply my knowledge in real-world AI and ML applications, contribute to meaningful projects, and continuously enhance my skills in AI & ML software application development.

## SOFTWARE SKILLS

- **Machine Learning Tools:** TensorFlow, PyTorch, Keras, scikit-learn
- **Programming Languages:** Python, SQL , DB2 (worked in AS400 applications)
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Tableau
- **Big Data Technologies:** Apache Hadoop, Apache Spark, Hive
- **OS:** Windows, MacOS
- **Cloud Services:** IBM Watson.

## EXPERIENCE

### Internship & Employment

Mar 2024 - Apr 2025

**Company:** Inodesys Technologies

**Client:** Caterpillar, Netherlands

**Role:** AS400 Programmer

**Experience:** 1 Year

**Domain:** Manufacturing – JD Edwards

#### Responsibilities:

- Performed administrative tasks within JD Edwards ERP system.
- Conducted analysis and development of RPG III and CL programs.
- Supported system enhancements and bug fixes for manufacturing operations.

#### Projects:

##### 1.Price System Integration:

- Integrated pricing logic between multiple domain modules within JD Edwards.
- Ensured accurate and dynamic pricing updates across manufacturing systems.

##### 2.Tool Manufacturing Interface:

- Developed an interface to streamline tool tracking and usage data within the manufacturing workflow.

##### 3.Production Scheduling Module:

- Designed and implemented scheduling logic to optimize job runs and production timelines.

## PROJECTS

### Sentiment Analysis App :

PROJECT - LINK:

This Flask application is designed for exploring and analyzing app data from the Google Play Store and Apple App Store, leveraging MongoDB for data storage. It offers functionalities such as:

- **App Search:** Users can search for apps in either store or both, receiving details, user feedback (simulated, with sentiment analysis), and comparisons between stores (if applicable).
- **Analysis:** Visualize app genre distribution in both stores.
- **EDA (Exploratory Data Analysis):** (Optional) Perform more in-depth analysis on app ratings and reviews (requires perform\_eda function implementation).
- **Helobot Conversation:** Interact with a basic chatbot using the chain library. (Optional, may require additional setup)
- **Image Classifier:** (Placeholder) Future integration for image classification functionality. (Placeholder HTML template provided)

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### IPL TABLEAU DASHBOARD :

PROJECT - LINK:

- This content outlines a cricket analytics dashboard.
- It features rankings for top run-scorers, wicket-takers, strike rates, and economic bowlers, along with metrics like wickets per match.
- Each team's performance is analyzed through dashboards displaying win percentages (overall, home, and away) and top 5 batsmen and bowlers.
- Additionally, it tracks trophies, Orange and Purple Caps won, and highlights winners and runners-up for all seasons.
- The explanation section provides further details, supported by slides.

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### AUTOMATIC FIRE DETECTION & EXTINGUISHER SYSTEM (IOT):

PROJECT - LINK:

#### PATENT

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- Developed a Machine Learning model for real-time fire and smoke detection.
- Achieved high accuracy in fire detection to minimize false alarms.
- Designed and implemented an alarm system to promptly alert occupants and authorities.
- Created a mechanism to automatically activate fire extinguishers upon fire detection.
- Developed a web/mobile app for remote monitoring and timely alerts.
- Logged and analyzed fire incident data for insights and improvements.
- Ensured the system's stability, performed regular maintenance, and validated its functionality.

## EDUCATION

MTech Artificial Intelligence & Data Science

SRM University , Kattankulathur

[Pursuing, weekend Course] 2023 - 2026

B.E. Mechanical Engineering

Loyola Institute of Technology

2019 - 2023

## ADDITIONAL INFORMATION

#### Certifications:

- Industry 4.0
- Analyzing and Visualizing Data with Microsoft Power BI,
- Tableau Certified
- **Leo Club Volunteer** – Actively contributed to community service initiatives and youth empowerment programs.
- **Event Co-Organiser** – Successfully conducted 20+ technical, cultural, and awareness events, demonstrating strong organizational and leadership skills.