SIVA SUBRAMANIAM R

AI & ML Engineer

sivasubramaniam141@gmail.com | Contact no: **9150908294** | New No 62, Flat 2 Solaiappa st, Mylapore, Chennai - 4

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

PROFESSIONAL EXPERIENCE

Internship & Employment   **Mar 2024 - Apr 2025**
Inodesys Technologies
- JD Edwards, RPG 3, CL .

Domain
- Manufacturing JD Edwards

Responsibilities
- Covering Administration works
- RPG 3 program analysis & development

Client : Caterpillar , Netherland

EDUCATION

M.Tech AI & DS	SRM University , Kattankulathur	2023 - 2026 [Pursuing, weekend Course]
B.E. Mechanical Engineering	Loyola Institute of Technology	2019 - 2023
12TH ST	SVVM, Thiruporur, Chengalpattu.	2016 - 2019
10TH ST	St'Bedes A.I. Hr.Sec.School, Chennai-04	2007 - 2016

ADDITIONAL INFORMATION

- **Certifications:** Industry 4.0, Analyzing and Visualizing Data with Microsoft Power BI, Tableau Certified
- **Patent:** DATE : 13/09/2024 Page No: 360
- **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.

Sentiment Analysis App :

PROJECT - LINK:

This platform designed to analyse app reviews and provide sentiment insights based on user feedback by using ML and AI.

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.

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.

PERSONAL PROFILE

Date of Birth   : 16.10.2001
Gender   : Male
Nationality   : Indian
status   : Unmarried
Languages Known   : Tamil and English

OFFICAL LINKS