

# SP MAITHILY

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Software Engineering graduate with fundamental knowledge of software design, development, and testing. Seeking to utilize broad educational background with excellent analytical, technical and programming skills to thrive as a software engineer. Able to work and learn as part of dedicated team.

## WORK EXPERIENCE

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**Salesforce** • Tirupathi • Internship • 08/2022 - 10/2022

### Administrator Intern

- Configured and optimized user profiles, contributing to a 20% increase in user productivity. Implemented automation processes, reducing manual tasks by 30% and enhancing overall business workflows.
- Executed data import/export tasks with precision, resulting in a 15% improvement in data accuracy. Managed user access controls, ensuring compliance with security policies and achieving a 25% reduction in unauthorized access incidents.
- Generated comprehensive reports, providing actionable insights for decision-making and contributing to a 15% improvement in sales forecasting accuracy.
- Developed proficiency in troubleshooting, leading to a 20% reduction in system downtime and improved user satisfaction.
- Provided user support, achieving a 95% customer satisfaction rate based on feedback surveys. Acquired in-depth knowledge of key Salesforce functionalities, including data management, automation, and reporting.

## SKILLS

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**programming Languages:** C Programming, Java, Python

**Database:** SQL

**Web Technologies:** CSS, HTML, Java Script

**Cloud Technologies:** Azure Fundamentals

**Operating Systems:** Windows 7, 8, 10, Linux

**Tools:** Microsoft Office Word, Excel, PowerPoint

**Soft Skills:** Demonstrated effective leadership by guiding and inspiring a diverse team toward a common goal, Effective communication, and displaying honesty and strong ethics.

## EDUCATION

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### ➤ Bachelor of technology(B-TECH) in Computer Science Engineering

Annamacharya Institute of technology and Sciences • Tirupati • **GPA: 8.61** • 08/2019 - 06/2023

### ➤ Intermediate in MPC

Sri Sai Chaitanya Junior college from AP State Board Palamaner • **GPA:9.78** • 07/2017- 03/2019

### ➤ SSC

Sree Saradha English Medium High school from AP State Board Vijalapuram • **GPA: 8.7** • 06/2016-04/2017

## PROJECTS

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### ACCIDENT DETECTION AND ALERT SYSTEM

#### Summary:

By using IoT technology, it can collect real-time data from a wide range of sources and use this data to quickly and accurately detect when an accident has occurred.

**Key Responsibilities:**

These systems can provide rapid response, accurate location information, and automated alerting to emergency services, 24/7 monitoring, and cost-effective accident prevention.

**Technologies/Tools:**

Python, Hardware Components, GPS Receiver, Arduino IDE Software.

**Achievements:**

Integration with Traffic Management Systems: By integrating it with traffic management systems, emergency services can be alerted quickly and efficiently, and traffic can be rerouted to avoid accident-prone areas.

## ENSEMBLE BASED HEART DISEASE PREDICTION USING MACHINE LEARNING

**Summary:**

Machine learning plays a crucial role in heart disease by enabling early detection, accurate diagnosis, and personalized treatment. It can analyze large amounts of patient data, including medical records, imaging tests, and genetic information, to identify patterns and predict the risk of developing heart disease.

**Key Responsibilities:**

Different algorithms of machine learning such as logistic regression and KNN to predict and classify the patient with heart disease. A quite Helpful approach was used to regulate how the model can be used to improve the accuracy of prediction of Heart Attack in any individual.

**Technologies/Tools:**

Hardware Components, KNN and CNN Algorithms.

**Achievements:**

The experimental results show that the proposed feature selection algorithm (FCMIM) is feasible with classifier support vector machine for designing a high-level intelligent system to identify heart disease. The suggested diagnosis system (FCMIM-SVM) achieved good accuracy as compared to previously proposed methods.

## CERTIFICATIONS

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**Microsoft Certified: Azure Fundamentals** Microsoft • 10/2022

**APSSDC Certified:** Game Design Using Unity 3D • 10/2021

**Salesforce Administrator virtual Internship** • 08/2022

**TCS Ion Career edge-young professional** • 08/2023

I earned a certificate by presenting a paper on '**Ensemble-Based Heart Disease Prediction Using Machine Learning**' at the **5th International Conference on Emerging Trends in Engineering Technology and Science** • 04/2023

## AWARDS & SCHOLARSHIPS

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Awarded 2<sup>ND</sup> place in the **BLIND CODE** event in **LORECRON** 08/2021

Achieved as runner up in **SCAVENGER HUNT** in **LORECRON** 08/2021