

SANDEEP DARLA

SOFTWARE ENGINEER

I want to work with an organization that can give me opportunities to grow so that I will be able to help in the growth of that organization and will be able to enhance my skills and capabilities.

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SKILLS

- C
- PYTHON
- MY SQL
- Agile Development

ACADEMIC PROJECTS/EXPERIENCE

Stress Detection Using Facial Expression - Developer

- Developed a machine learning model that analyzed facial expressions to determine stress levels, reducing manual evaluation time by 50 hours during project implementation and improving accuracy in assessments.
- Executed rigorous testing protocols on machine learning algorithms prior to deployment, achieving detection rates over 90% for identifying key patterns within datasets relevant to user interactions.
- To complete this project, it takes 6 weeks to finish my project.

Machine Learning for Efficient Emergency Ward Management

- Collect historical and real-time data from electronic health records (EHRs), admission logs, and sensor-based monitoring systems. Integrate these data sources for comprehensive analysis
- Develop and train machine learning models to predict patient inflow, identify patterns, and optimize resource allocation.
- Implement AI systems to provide real-time insights for triage, resource assignment, and staff scheduling based on incoming patient profiles and predicted demand.

EDUCATIONAL DETAILS

Bachelor of Computer Science

KL University Sep 2021 - May 2025

Pursuing

Intermediate (M.P.C)

Sri Chaitanya Junior college Jun 2019 - Apr 2021

S.S.C

Sri Sai Vidyalaya High School Jun 2018 - May 2019

INTERNSHIP

AICTE – AI&ML Virtual Internship May 2023 - Jun 2023

It focuses on the intersection of cloud computing and machine learning with hands-on experience and practical knowledge in utilizing AWS services for developing and deploying machine learning models on the cloud.

Social Internship

Ananthavaram Thanda, Mylavaram Sep 2022 - Sep 2022

Attended a 6 days' workshop on social internship. Our team is assigned to village Ananthavaram Thanda, Mylavaram, Andhra Pradesh. Our mission is to convert the village into Adarsh Gram. We conducted a pilot study to analyze the problems that they are facing regularly and wish to provide possible solutions to them. later, we gathered women to introduce some skills in embroidery to increase women empowerment.

CERTIFICATION

Python Basic Certificate in Hacker Rank.

2024-10-03

IBM Python

2024-10-02

STRENGTHS

Creativity

Interactive Skills

Work Ethics

LANGUAGES

English

PERSONAL SKILLS

Problem Solving

Time Management

Good Communication Skills

Teamwork