



Bolineni sai venkat

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🐙 <https://github.com/Saichowdry118> in Sai venkat bolineni

🐦 Sai venkat bolineni

Profile

Flexible to situations. good at machine learning models. excellence in managing the big data and database systems. Contributed to 5+ projects in data structures and coding.

Education

08/2020 – present kollam, india	Bachelor of Technology, Amrita Vishwa Vidyapeetham, <i>Computer Science Engineering(Artificial Intelligence) With the current CGPA of 8.1</i>
04/2018 – 06/2020 Vijayawada, India	Higher secondary education, Narayana junior college, PMC(Physics, Mathematics, Chemistry) Passed the course with a percentage of 94%
05/2016 – 03/2018 Gudiwada, India	SSC, Viswabharathi school, Passed the course with a percentage of 98%

Skills

Programming Languages:

Python, Java, Java Script, Bash programming

Database Management

SQL, Postgresql, Cassandra, Mongo DB, Kafka

OS Experience:

Windows, Linux

Web Languages

HTML, CSS, JavaScript

Other Tools:

Matlab, Cisco Packet Tracer, Hadoop, Wireshark

Soft Skills

Time Management, Flexible, Active in group discussions

Projects

05/2022 – 07/2022	Line following robot using Raspberry Pi, <i>It is a mobile machine that can detect and follow the black line drawn on the floor. Line Follower Robot is able to track a line with the help of an IR sensor. This sensor has a IR Transmitter and IR receiver. The IR transmitter (IR LED) transmits the light and the Receiver (Photodiode) waits for the transmitted light to return back. An IR light will return back only if it is reflect by a surface</i>
05/2022 – 07/2022	Text mining, <i>It is a program written in scala and python that gives solution to unstructured data. Hadoop enables its framework over different distributing processing. Its scalability for large datasets, cost effectiveness for storing data, flexibility for unstructured data, speed have grabbed large organizations to adopt Hadoop platform.</i>

03/2022 – 07/2022	Heart diseases prediction, <i>It is a template of prediction model, Built using python.heart disease prediction and for that, we had sonethe heart disease dataset from that dataset we will derive various insights that help us know the weightage of each feature .</i>
11/2022 – 12/2022	Implementation of an SDN Based IoT Network Model for Efficient Transmission of Sensor Data, <i>In this study, an architecture is proposed for the efficient transmission of sensor data in SDN based IoT networks. In the proposed model, average packet loss and delay were calculated and the changes according to the number of switches and hop count were examined. For effective communication.</i>
10/2022 – 12/2022	Mobile Phone Addiction, SSR Project (Non-Technical), <i>This is a social responsibility project. In this project, a presentation was given to high school students of Vivekananda Higher Secondary School, Changankulangara about toxic effects of excessive mobile phone usage on a person's physical and mental health.</i>

Languages

English,Hindi,Telugu

(Proficiency in speaking, reading,writing and understanding)

Certificates

Python

kaggle

**Tamper A Day event conducted by IEEE SB
Amrita Vishwa Vidyapeetham, Amritapuri **

Fundamentals of deep learning

by NVIDIA DLI

Interests

Tech Enthusiast, Travelling, Playing Cricket, Crypto currency

Experience

AI@AMRITA, Member, October 2020- February 2021 | Amrita, Btech Coded and explained machine learning algorithms called decision trees and random forests to the club members.

Achievements

Secured certificate in Math Olympiad exam