SARVESH PATHAK
SOFTWARE ENGINEER

PROFILE

I am a software developer who loves challenging problems. I like to work in teams to make connections and learn from them. I have developed projects primarily in IOT domain but I have some experience in Machine Learning. I have coding experience in Python and Java. I love solving problems especially challenging ones. I am a LeetCode enthusiast. I also love to explore technologies like Blockchain contracts,Deep Learning etc.

PROJECTS

INVENTORY MANAGEMENT FOR LARGE SCALE INDUSTRIES
(COMPLETED)

For this project we had to create QR for each new product that has entered and update its quantity using IBM Watson and upload it to Cloudant DB via Node Red as part of this project we also developed a user interface for accessibility.

WATER PURITY IDENTIFIER
(CURRENTLY WORKING ON)

It is a project I am currently working on. It will have general implications on access to clean water. We are going to recognise availability of water from high altitude images and find cleanest source of water based on CNN.

PERFORMANCE PREDICTOR
(CURRENTLY WORKING ON)

It is another project I am woking on, its purpose is to take input of the performance an individual over a certain period and compare it to other individuals who in past have had similar performances. This will suggest best way to better the performance and further predict future performances of an individual. One possible implication of this is in schools a teacher can get performance charts of all student and also ways to improve performance of student.

EDUCATION

VIT-AP ~ B.Tech,2024

COURSEWORK
OPERATING SYSTEM
COMPUTER NETWORKS
OBJECT ORIENTED PROGRAMMING
DATABASE MANAGEMENT
MACHINE LEARNING
WEB DEVELOPMENT
DEEP LEARNING (DOING)

SKILLS

PROGRAMMING
PREFERRED
JAVA

CONFIDENT
PYTHON   C++
FAMILIAR
C HTML CSS React
MYSQL   JAVASCRIPT

LANGUAGES

HINDI   ENGLISH   PUNJABI

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