

SARVESH PATHAK

sarveshgeepathak@gmail.com

PROFILE

I am a software developer who loves challenging problems. I like to work in teams to learn from my peers. I have developed projects primarily in IOT and Machine Learning Domain. I have coding experience in both Python and Java. I would describe myself as a person who is passionate, hard working and rational. I have done 300+ LeetCode problems to become better at programming. I also like explore technologies like Blockchain contracts ,Deep Learning and Meta-verse. I got placed in top 50 Asia-Pacific in Meta Global Hackathon.

SKILLS

- | | |
|-----------------------------|------------------------|
| -> JAVA-Advanced | -> Python-Intermediate |
| -> C/C++ -Intermediate | -> MySQL-Intermediate |
| -> Kotlin- Intermediate | -> Linux-Basic |
| -> MERN Stack- Intermediate | -> CUDA C++ -Basic |

EDUCATION

- > 12th, Mount Carmel School 2020
- > B.Tech, VIT-AP 2024

PROJECTS

INVENTORY MANAGEMENT FOR LARGE SCALE INDUSTRIES

For this project we had to create QR by scanning for each new product that has entered and update its quantity using IBM Watson and upload it to Cloud via Node Red as part of this project we also maintained incoming and outgoing of the products by assigning a special ID to each product. We also developed a user interface for accessibility of our users. I was personally involved in pretty much all steps.

CREDIT CARD FRAUD DETECTION

A machine learning program that gives out probability of fraud on credit card. It uses Naive Bayes Algorithm. It gives output of credit card fraud based on spending history of the consumer. If it detected any anomaly it would inform the first user and then the bank to confirm if particular transaction is fraud or not. This is more of a personal project so it was completely done by me.

TECHNOLOGY TO HELP BLIND PEOPLE

A cap with multiple distance sensors and haptic output which scans an area and give feedback in form of vibrations to guide a blind person. It also had a camera which was used to detect faces, objects and edges thus increasing the utility and accuracy of our product. It could also give audio output to guide the people. I personally was mostly responsible for face detection and face recognition and audio output part.

CERTIFICATIONS

- Agile Training Module -> (CEAGL1IN, provided by IBM)
- DevOps Fundamentals -> (CEDEV1IN, provided by IBM)
- Design Thinking -> (CEDTH1IN, provided by IBM)
- Fundamentals of Deep Learning -> (NVIDIA DLI Certificate)
- Fundamentals of Accelerated Computing with CUDA C/C++ -> (NVIDIA DLI Certificate)
- Internet Of Things -> (Certificate ID: Ext-IOT-2021-4408 by IBM and Smart Internz)

CONTACTS

- <https://www.sarveshpathak.org/>
- [linkedin.com/in/sarvesh-pathak-86812b219](https://www.linkedin.com/in/sarvesh-pathak-86812b219)
- <https://github.com/sarvesh-pathak>
- <https://g.dev/SarveshPathak>