



Mahesh Chandra Sarkar

Test Engineer

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Quality Assurance professional with 2+ years of experience in manual and automation testing. Proficient in Flutter and Swift, bridging testing and development. Adept at ensuring software quality. Also, knowledgeable in Data Science, bringing versatility to projects. Passionate about continuous learning and contributing to dynamic teams.

WORK EXPERIENCE

Assistant Manager - Test Engineer KNNX Corp (formerly DLT Labs Pvt Ltd)

11/2021 - Present

Blockchain based company that deals with supply chain management, invoice generation & dispute management.

Achievements/Tasks

- Developed scripts & service nodes to test the efficiency of application.
- Tested hardware & software within multiple environments (QC, QA, Sandbox & Production).
- Secured and allocated resources to manage planning & operations in testing cycles.
- Solved hardware & software interface issues to boost system integrity upto 90%.
- Developed multiple expressions & code based dynamic calculations to test software's logic.
- Developed updated version of cucumber based automation script for testing web application.

Intern E & ICT Academy, IIT Kanpur

05/2021 - 08/2021

Achievements/Tasks

- Learned core concepts of embedded C.
- Learned architectural design of Arduino UNO.
- Learned about ThingSpeak platform and how to use it.
- Completed an IoT based project which uploads data from live actions to ThingSpeak.

EDUCATION

Bachelor of Technology KIET Group of Institutions - Ghaziabad

08/2017 - 07/2021

GPA: 7.5

Courses

- Electronics and Communications Engineering

SKILLS

Python

C/C++

My SQL

Java

Swift

Swift UI

Node.js

Selenium Automation

Data Analytics

Testing Management

TestLink

JIRA Board Management

PERSONAL PROJECTS

Brain Tumor Detection using Image Segmentation with K-Means Clustering (10/2021 - 05/2021)

- Developed python code to detect unusual tissue growth in brain. Trained the algorithm on 2000+ test data. Used Gaussian Blur to highlight the tumor part.

Tello Drone Coding (03/2021 - 05/2021)

- Developed a code for detecting & follow any person.

Mask Detection using CNN Algorithm (11/2020 - 02/2021)

- Developed python code that uses Haarcascade frontal face file to train the code for detecting masked & unmasked face. After code optimisation, achieved an accuracy of 89%.

Surveillance Drone (12/2019 - 02/2020)

- Developed code which can control the drone movement & records video within a specified area using APM 2.5 controller.

Home Automation using Embedded C (08/2018 - 09/2018)

- Developed code that used IFTTT to connect multiple devices to a common network. Also integrated some commands with Google Assistant to control the devices

ACHIEVEMENTS & CERTIFICATIONS

AWS Scholarship Exam (04/2020 - 06/2020)

Spot Awardee (06/2022 - 09/2022)

Mobile Automation using Appium (02/2023 - 05/2023)

Google Data Analytics Professional Certificate (11/2023 - Present)