






RISHABH GOSWAMI

SOFTWARE DEVELOPER

CONTACT

 +91-7982453909
 rishabhgswami938@gmail.com
 <https://coding-spidey.github.io/>
 [linkedin.com/in/rishabh-goswami-dtu/](https://www.linkedin.com/in/rishabh-goswami-dtu/)
 <https://leetcode.com/u/coding-spidey/>

SKILLS

Python
MERN Stack
Java
SQL

EDUCATION

B.Tech | Mathematics and Computing
Delhi Technological University
2018-2022

WORK EXPERIENCE

Ion Investment Group

Software Developer 2022-Present

- Pioneered the implementation of testing using Robot Framework for server using Python, streamlining the testing process and ensuring product reliability.
- Implemented securities in the XTP product to ensure compliance with industry standards.
- Identified and resolved several blockers and bugs in XTP Fees module, contributing to improved product stability and performance.

Global Action Alliance

Software Developer 2021-2022

- Worked on MERN stack to create several single page web products.
- Worked with selenium python to create scripts for collection of data from research centres and government repositories.
- Created auto deployment scripts for AWS ec-2 instances.

PROJECTS

Two Asset Portfolio Optimization

- This project aims at finding the most optimized portfolio consisting of two assets given for a company. It is written in python.
- It uses the historical data of the company to compute the risk and return of some standard portfolio and outputs the most optimized portfolio in terms of risk and return.
- **Link:** <https://github.com/coding-spidey/Two-Assets-Portfolio-Optimization>

Modeling of Covid-19 cases in Kerala on Poisson Process

- Modeled Covid-19 cases in Kerala in the month of April using Python on Poisson Process.
- Further studied the effect of regional festivals like Onam on new cases and how it affected the overall Poisson distribution.

License Plate Recognition

- It uses the OpenCV library to identify and extract license plates from images. It uses Pytesseract for OCR and computes the accuracy of the result using Difflib.
- The accuracy of the overall code was found to be greater than 90%
- **Link:** <https://github.com/coding-spidey/License-Plate-Recognition-using-OpenCV>

DenoJs Based NASA MISSION Control Web App

- This web app uses SpaceX API to fetch the data of all the rocket launches performed by SpaceX, it then uses DenoJs to sort the data based on historical launches and future launches and whether the launches were successful or not.
- It also has the functionality to manually add launches. • Awarded HCL brilliant mind award by HCL for excellence
- **Link:** <https://github.com/coding-spidey/Nasa-Mission-Control-Dashboard>