SHASHANK SMAR

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EXPERIENCE

BOSCH – Bengaluru, India
Software Engineer *May 2021 – Present*

- Module/Unit testing for One Driving Core (DACore) (C/C++ project) on CANTATA or gtest framework which depends on the requirements.
- DACore is the BOSCH Operating System for all future Driver Assistance Systems and runs customer specific Apps on various Sensor and Computing Platforms.
- Verification of proper coverage of the functionality and raising the issues over any mismatch in the actual functionality and the requirement.
- Generating and submitting final reports of testing using JENKIN.
- Merge the final tested code on the develop branch of DACore
- Worked on the projects of Honda, Volkswagen and Audi along with DACore for unit testing based on CANTATA and gtest.
- Developed API to automate the RQM update and fetching JENKIN report to csv file.

YEAR GAP
Sep 2016 – Apr 2021

- I was preparing for Indian Engineering Services, as dream was to get into Railways as an electrical engineer.

Technical Skills

- C/C++
- git/github
- CANTATA
- Python
- JIRA
- gtest
- SQL
- JENKIN
- DOORS (read)
- Tableau
- OOPS
- DSA

PROJECT

DATA ANALYSIS OF IPL TEAM PERFORMANCE
Python based project

- Analysed IPL data set 'matches.csv' from Kaggle (https://www.kaggle.com/nowke9/ipldata) which contains information about all matches played between 2009-2013.
- Used Python modules pandas and matplotlib/seaborn for analysis and visualisation of the data.
- Future Work: Merge 'deliveries.csv' and analyse players performances as well.
- **Link**: https://jovian.ai/ssmar8065/ipl-team-performance

HEALTH MANAGEMENT SYSTEM
Python based project

- Idea is to take the client details as input and log a list of food & water intake and exercise on daily basis using datetime function of datetime module and writing a text file.
- Information can be retrieved for specific client.
- Future Work: Create a database of all the client and take client as input as well so that it is accessible from anywhere.
- **Link**: https://github.com/FidgetySmar/DataScienceProjects/blob/main/pythonProject/healthManagementSys.py

WEB SCRAPING OF TOP GITHUB REPOSITORIES OF EVERY TOPIC
Python based project

- Scraped top 30 repositories of github for all the topics using requests and BeautifulSoup library of python.
- Created a .csv file for storing *Username, repository name, stars and repository link* using pandas library of Python.
- Future work: Create a database instead of .csv file and store the information.
- **Link**: https://github.com/FidgetySmar/DataScienceProjects/blob/main/webScrapping/githubTopics/githubTopics.py

CERTIFICATIONS & ACHIEVEMENTS

- git/github certification by google: https://coursera.org/share/4dc9fe9dd9e81acd0f7107df88fc9a44
- Data analysis certification from JOVIAN: https://jovian.ai/certificate/MFQTMOJQGA
- Star Performer for 4th quarter of 2021

INDUSTRIAL TRAINING

KAVIKA (Karnataka Vidyut Karkhana)

Total quality management of Transformer *Jan 2016*

- 1 Month industrial training to understand the quality of transformer oil, silica gel, HV and LV winding/coil, insulator, laminated core, etc.
- Short circuit and open circuit test to check the durability, efficiency & strength of final product.
- Testing dielectric strength of transformer oil and OC and SC test for laminated core.

EDUCATION

BE in Electrical and Electronics Engineering, VTU

(*Sep 2012 – July 2016)*