

SURAJ MANE

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Experience

Larsen and Toubro Infotech

Sep 2017 – Nov 2020

Software Developer

Pune, India

- Created and documented from scratch all the required set of SQL queries used on daily basis.
- Following Agile development principles automated the process of creation of test data in the form of policies on Travelers web UI using Java Selenium which reduced the repetitive task.
- Developed mappings in Informatica Powercenter to extract, transform and load data from various sources to targets which helped the team to achieve high quality, reliable data.
- Utilized Informatica to provide a continuous integration service in order to automate the entire process of pointing the database to various environments.
- Explored ways to visualize and send a daily report of test results to team members using via Email.
- Created scripts in VB and mappings with Informatica Power Center to automate the process of XML generation for the report ordering module of the business and this helped us achieve the finished product much faster than normal time.
- Analyzing the requirements and reverse engineering the process to meet specific requests from the stakeholder helping them to clarify the functionality of various modules within Personal Insurance.
- Worked on and delivered several highly complex data related requests to various QA and Agile teams across the board to finish up the testing required.

Projects

Telecom Churn | *Python, Jupyter notebook | Analysis and prediction*

January 2021

- Predicting if a customer will churn or not based on various features in the data.

Movie Ratings | *Python, Jupyter notebook | Web crawling*

August 2021

- Designed a web crawler in Python using BeautifulSoup which when given a movie name gets the user ratings of that movie from Rotten Tomatoes.

Look based media player | *Java, Eclipse*

December 2016

- Created A media player which pauses when the viewer looks away from the screen created in Java using Viola Jones for face detection.

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, SQL, Pyspark, Map-Reduce, Selenium

Developer Tools: IntelliJ Idea, Eclipse, Google Colab, Jupyter Notebook, Docker, PowerBI, Tableau, Organizable

Technologies/Frameworks: Linux, GitHub, JUnit, WordPress

Education

Virginia polytechnic and State University

Jan. 2021 – present

Master of Engineering in Computer Science

Blacksburg, Virginia

Sinhgad Academy of Engineering

May. 2013 – May. 2017

Bachelor of Engineering in Computer Engineering

Pune, India

Research / Journals

A survey of face detection algorithms

Jan 2017

Int. Conf. Inventive Syst. Control (ICISC)

Pune, India

Leadership / Extracurricular

Graduate Student Ambassador Program

September 2021 – Present

GSA

Virgina Tech

- Working towards diversity inclusion, minority hiring and retention with Graduate school by spreading information and helping students to transition smoothly into Graduate school

Google Student's Club

May 2014 – May 2016

Technical Head

Pune University

- Arranged and managed multiple city level workshops on Android and IOT with 200+ participants.
- Managed a board of 5 members and ran weekly meetings to oversee progress in essential parts of the tasks at hand.