Adarsh Koppa Manjunath

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LinkedIn | GitHub | HackerRank

SKILL SUMMARY

- Around 5 years of Experience in Python Scripting and flexible with other OOP languages including JS, C++, JAVA and C#.
- Strong experience in developing and maintaining Automation Framework for REST and CLI based interface.
- Experience in defect management (JIRA) and Test Management (QMetry) tools.
- Experience in executing functional and non-functional testcases.
- Experience in API testing using Automation Framework and Postman.
- Working experience in Agile Environment.
- Familiar with technologies and tools like Docker, Azure DevOps services (GitHub, Board, and Pipelines), Jenkins, Putty, WinSCP, PostgreSQL, Postman, YAML, and OpenAPI / Swagger Codgen.
- Online courses and certifications in JS, Python, Problem Solving, DevOps, Selenium, Docker, and REST.
- Academic Experience in Web Development using Design Patterns, MVT and UML concepts.
- Academic Experience in Machine Learning Model Development using Classification Algorithms and Transfer Learning techniques through NumPy, Pandas, Matplotlib, OpenCV, Keras and Scikit-learn.

WORK EXPERIENCE

Analyst Solution and System Integration - CN - Edmonton, AB   **March 2021 - Present**

- Working on a train dispatch-based product called PDS.
- Working on a Python based simulator to automate REST API & WebSocket based testcases.
- Using technologies like Docker, Azure DevOps Services (GitHub, Boards, Pipelines), Python, YAML, OpenAPI / Swagger Codgen tools.

QA Automation Developer - Plurilock Security Inc - Victoria, BC   **January 2021 – March 2021**

- Worked on a MFA-based product called DEFEND.
- Performed VDI performance, and database testing.
- Worked towards formalizing the QA process
- Designed a small-scale framework for REST API, WebSocket and Data Base testing using Python.

Software Engineer 1 & 2 - Dell EMC - Bengaluru, Karnataka   **July 2016 - December 2018**

- Worked on a project called Skyline Chassis both as an Automation and a Manual Test engineer.
- Worked on Dell PowerEdge MX servers including chassis, compute sleds, storage sleds, and IO Modules.
- Contributed to a Data Driven Automation Framework development called NGM for the REST API testing.
- Developed and Maintained core modules and Testcases for Network, Device and Power based features.
- Used Python to develop HTML report generator, and report summary email notification tools.
- Developed required scripts for Stress, and Load Testing using Python.
- Developed basic stand-alone UI Automation scripts using Selenium and Java.
- Prepared and executed automation test suites using Jenkins for Build Verification and Regression Testing.
- Involved in Test Environment Setup which includes bringing up servers with the required configuration.
- Used QMetry to develop and execute test cases.
- Performed API, Integration, BlackBox, Compatibility, Security, Recovery, and Ad-hoc Testing.
- Used Postman for the REST API testing.
- Raised bugs and extensively used JIRA to manage the same.

Software Engineer Intern - Dell EMC - Bengaluru, Karnataka
February 2016 - May 2016

- Worked on a Project called REST API Automation
- Worked on Dell Remote Access Controller.
- Developed test cases using QMetry to compare RACADM and REST interfaces for Dell iDRAC server.
- Automated REST and RACADM interfaces using Dell Unit Framework.

EDUCATION

Master's in Computer Science – 83.3%   **January 2019 - September 2020**
University of Regina - Regina, SK
Courses- Software Development, Data Science, Image Processing, and Computer Networking related fields.

Bachelor's in Information Science-72.65%   **September 2012 - July 2016**
UVCE - Bangalore Urban, Karnataka
Courses- Programming Languages (C, C++, Java, PHP and C#), Data Structures and Algorithms, OOPs, Database systems, Data Mining, Networking, Computer Architecture, Web Development, Neural Networks, and WSN.

Online Certifications - [See Certificates](#)

- Completed DevOps Fundamentals, Microsoft Azure Fundamentals, AZ-400 Exam Prep: Microsoft Azure DevOps Solutions from Cloud Academy.   **July 2021**
- Completed JavaScript Algorithms and Data Structures Developer Certification from FCC.   **January 2021**
- Completed Python 3 Programming assessment from IKM with 95%.   **November 2020**
- Certified in Docker Fundamentals from Kode Kloud.   **October 2020**
- Certified in Python (Advanced), Problem Solving, and REST API from Hacker Rank.   **September 2020**

Additional Information

- Languages- English, Kannada, and Hindi.
- Visa Status- PGWP (Can work for any employer)
- Relocation- Willing to relocate anywhere in Canada.