VISHNU VAISHNAVI MADDILATE

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EDUCATION

Master's in Computer Science and Engineering, December 2024
University at Buffalo, The State University of New York

- Course work: Algorithm Analysis and Design, Machine Learning, Data Intensive Computing, Computer Security
- CGPA-3.91/4

Bachelors in Technology, Electrical Electronics Engineering, May 2020
Sastra Deemed To Be University

- CGPA-8.57/10.00

SKILLS

Python, Java, CSS, HTML, JavaScript, Bootstrap, Algorithms, Selenium, Karate, Cucumber, Gherkin, BDD, MySQL, Postgres, Machine Learning, Maven, API, Postman, Version Control(GitHub), Linux, Manual Testing Skills: Regression Testing, Functional Testing, Integration Testing, Project Management (JIRA, Agile Scrum Methodology), Automation Testing, Data Visualization, Data Analysis, Predictive Modeling (Classification, Regression, Clustering), Pytorch.

WORK EXPERIENCE

Product Engineer, Temenos India PVT LTD, Bangalore, India, October 2020 - July 2023

- Experienced Automation framework developer specializing in Java and Python-based automation scripts for Banking and Finance Crime Mitigation. Proficient in utilizing the Temenos suite FCM with expertise in product development and design patterns.
- Developed and reported comprehensive test plans in JIRA using Qmetry, resulting in a 20% reduction in testing time.
- Leveraged Python scripting to streamline data loading and setup, resulting in a 60% reduction in data preparation and testing time, showcasing software development skills.
- Automated web application regression tests using Selenium WebDriver, optimizing test execution time by 40% and ensuring efficiency through predefined Java methods.
- Integrated the Karate framework within a BDD Cucumber setup for API automation, enhancing test case development efficiency by 25%.
- Aligned deployment processes into production using Git, Bitbucket, and Jenkins, optimizing the efficiency of the release pipeline and maintained a repository of over 300 automated test cases in Bitbucket for version control, traceability, and team collaboration.
- Conducted API testing using Postman and Swagger to ensure API functionality and demonstrated proficiency in Linux commands for effective testing, highlighting adaptability and technical expertise.
- Provided training to new team members, facilitating their seamless integration into the FCM Automation team and promoting knowledge sharing

PROJECT

Automated Compliance and Fraud Detection
Led automation of 300+ scripts using Selenium WebDriver(GUI) and Karate framework(API) within Transact Banking's FCM app. Ensured AML, KYC compliance, and fraud detection through sanctions screening. Deployed solutions globally, customized for diverse banks, detecting bugs, and significantly reducing test failures.

Used Car Price Prediction Project
Created a comprehensive ML project to predict used car prices, involving data collection, cleaning, and EDA. Applied various ML models like decision trees, KNN, and XGBoost. Deployed the XGBoost model and integrated it into a user-friendly web application using Flask, HTML, CSS, Bootstrap, and JavaScript. Implemented dynamic interactions and visualized results using Chart.js, providing users with an intuitive interface for predicting car prices.

AWARDS AND LEADERSHIP

Outstanding Teamwork Award(Custodia Bank) at Temenos - for exemplary collaboration in resolving critical configuration issues and showcasing strong problem-solving and teamwork skills under tight deadlines.
Leadership and Project Success - Led a dynamic QA team, transforming the FCM GUI with upgrades to 450+ scripts and resolution of 280 issues within a tight timeframe, showcasing effective leadership and project management.
Merit-Based Scholarship at SASTRA University - Received merit scholarship for 5 semesters at SASTRA University for high grades and top-ranking performance, reflecting a strong commitment to academic excellence.