

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, NodeJS, ExpressJS, Algorithms, Selenium, Karate, Cucumber, Gherkin, BDD, MySQL, Postgres, MongoDB, 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, Test Management, Testing software, Test Planning, Test Strategy Automated testing, Test data, Approval process.

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 | HTML, CSS, Javascript, Bootstrap, XGBoost, chartJS, Flask

Developed end-to-end ML project predicting used car prices, encompassing data collection, cleaning, and EDA. Employed diverse models (e.g., decision trees, KNN, XGBoost). Deployed XGBoost model via Flask, integrated into a web app with HTML, CSS, Bootstrap, JavaScript. Enabled dynamic interactions and visualization with Chart.js, enhancing user experience for price prediction.

Responsive Resume Portfolio | HTML, CSS, Bootstrap, TypedJS

Incorporated HTML, CSS, and Bootstrap to develop a resume portfolio project. Utilized responsive design principles for enhanced accessibility. Demonstrated proficiency in front-end development through this project.

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 project management.