TOP BAHADUR PUN

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GitHub - https://github.com/puntopbahadur | Portfolio - https://puntopbahadur.github.io/portfolio/

Summary

Results-oriented QA Engineer with a proven track record of delivering high-quality software products. Passionate about identifying and resolving complex technical challenges to ensure optimal **product performance and user experience.** Committed to continuous learning and staying up-to-date with industry best practices.

Experience

QA Engineer : Brio Technologies Private Limited – Hyderabad, Telangana, India.   Oct 2023 – Present

- Developed a Python automation script to streamline the processes of employee creation, leave application, reimbursement submission, time entry request, time card processing, and payroll for 100 employees. This automation reduces the manual testing time from 20 minutes to approximately 3 minutes, achieving an 85% reduction in human effort.
- Updated the salaries of 1,000 employees in just 10 minutes, significantly reducing the manual update time from 5 hours and achieving a 98.3% reduction in human effort.
- Collaborate closely with the Product Manager to thoroughly document detailed test cases, plan and execute software tests, and maintain quality standards throughout the development process, ensuring the final product meets all requirements.

Education

Lords Institute of Engineering and Technology - Hyd, B.Tech in CS   July 2017 – Aug 2022

- **Division:** First Class
- **Coursework:** Cloud Computing, Algorithms, Web Technologies, Machine learning and Compiler Design, etc.
- **Project:** Agricultural Image Analysis - Developed a deep learning model to accurately segment and classify crop images into various growth stages. This project enhanced decision-making in agriculture by optimizing harvest timing, improving crop management, and reducing post-harvest waste.
- **Technologies/Framework:** TensorFlow, OpenCV, Sklearn, Bootstrap, Django, FastAPI, Seaborn.

Technical Skills

Programming: Python, Java, JavaScript, SQL, HTML, and CSS.

Tools& Technologies: UI Development, Git, Playwright, API Testing, Cloud Computing, Machine Learning, and AI.

Projects

FastAPI & Playwright API Testing with MySQL:

- Build an API testing project that performs CRUD operations using FastAPI. The playwright (Python) is used to automate and validate these operations through API test scripts, and all data interactions are connected to a MySQL database.
- FastAPI: For building RESTful APIs.
- Playwright(Python): For automated API testing.
- View the source code on Github - https://github.com/puntopbahadur/FastApi-MySql.git

Automated Functional Testing using a Python Playwright:

- This project involves functional testing using Python Playwright on the OrangeHRM free, open-source HR Management web application. My tests include logging in, adding an employee, and uploading the employee's profile picture.
- Playwright(Python): For automated functional testing.
- View the source code on Github - https://github.com/puntopbahadur/Playwright_Automation.git

Migrating a FB Login Static UI to a Dynamic ReactPy Application:

- Migrated a static Facebook login user interface (UI) into a dynamic application built with ReactPy. This transformation allows us to leverage ReactPy's capabilities to create a more interactive and functional user experience.
- ReactPy: For UI Development.
- View the source code on Github - https://github.com/puntopbahadur/reactpy_fbClone.git

Photography Static Website:

- Developed a responsive, static photography website to showcase coding projects and skills, hosted on GitHub Pages.
- Languages used to Develop: HTML, CSS & JavaScript.
- View the source code on Github - https://github.com/puntopbahadur/thesalutephotography.git

Certifications

Master Machine Learning for Data Science and AI   Aug 2024

Learned numpy, pandas, seaborn, matplotlib, supervised and unsupervised learning.

https://codebasics.io/certificate/CB-69-263425

Deep Learning: Beginner to Advanced   Jan 2025

Learned NLP, LLMs, and CNN.

https://codebasics.io/certificate/CB-85-263425