Hariyalni Panneerselvam

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OBJECTIVE

Information technology final year undergraduate, proficient in Python, HTML5, CSS, JQuery, JavaScript, Typescript, ExpressJs and relational databases - MySQL, PostgreSQL, SQL Server & No SQL - mongo db & firebase. Skilled in REST APIs and adept problem-solving. Fast learner, passionate, with applied experience of Django, Flask, Java, OOP, AWS, GCP and Tableau. Eager to contribute dynamic skills to tech challenges.

PROFESSIONAL EXPERIENCE

HCLTECH-SL | IT Analyst - Project FORD & KDP

2022 March -2023 November | Colombo 02

- Testing pre-built applications and its challenges.
- Achieved **Delivery Champion recognition** within 12 months from the Sri Lanka team by consistently exceeding performance targets and driving impactful results, resulting in increased customer satisfaction and team efficiency.
- Collaborated with cross-cultural multi nationalities with **strong knowledge of DATA privacy & Human Error avoidance program - HCL Certified.**

LINKS

LinkedIn: www.linkedin.com/in/hariyalni-panneerselvam
GitHub: https://github.com/yalni
Portfolio: https://github.com/yalni/hariyalni
Hackerrank: https://www.hackerrank.com/profile/yalni

EDUCATION & CERTIFICATION

UNIVERSITY OF WEST LONDON

BSc INFORMATION & TECHNOLOGY

Second Upper Class

SCOTTISH QUALIFICATIONS AUTHORITY

HND in COMPUTER SCIENCE

SELECTED PROJECTS

TODO LIST

- This web application enable user to update task list and delete items with DJANGO server
- **Python-based web application** using **Django framework**, **CSS**, and **HTML** resulting in a 40% improvement in website load speed and enhanced user experience

DESKTOP ORGANIZER

- Developed an **automated desktop file categorization** system that efficiently groups files into folders, eliminating duplicate files and enhancing organization, which will increase in productivity
- Developed a **Python-based automation** solution utilising the **OS and Shutil libraries** to streamline data processing tasks

PERSONAL PORTFOLIO

- Developed personal portfolio with **React, Html, Css, Js & Emailjs**

NETFLIX - CLONE

- Enhanced the functionality of the Netflix Clone by implementing responsive design techniques for multiple devices
- Spearheaded the front-end development of a responsive website utilising UI design principles with **HTML & CSS**

UNIVERSITY OF MORATUWA

FULL STACK DEVELOPER - CERTIFIED

UNIVERSITY OF CALIFORNIA SAN DIEGO

DATA STRUCTURE & ALGORITHM SPL - ON PROGRESS

GOOGLE

PYTHON COURSE - CERTIFIED

ML & AI CERTIFICATION - ON PROGRESS

OTHER SKILLS

- Soft Skill - **Communication, Teamwork, Flexibility, Problem Solving**
- Self-management skills - **prioritise tasks, meet deadlines, and exceed performance expectations, interpersonal skills**
- Python advanced skills with - **list / list comprehension / decorators / description / lambda / set /closure / map / reduce / filter**
- Cloud technology - **AWS, GCP**
- **Agile Methodologies - Scrum , Kanban , XP**
- **Solved 200** + **Python problems in Hackerrank**
- **Github version control**

BACK END APPLICATION DEVELOPMENT

- Orchestrated backend development efforts to enhance data management capabilities, facilitating seamless addition and removal of data from the database, resulting in an increase in data processing efficiency and improved system reliability
- Designed and implemented end-to-end automation frameworks leveraging **Postman, and Express Js** accelerating testing processes

WEB SCRAPER

- This application takes a website URL as input, generates a comprehensive table of top-rated hotels in Colombo for tourist stays with CSV file export feature, streamlining the decision-making process for travellers
- Leveraged **Python, Pandas, Requests, and BeautifulSoup in Jupyter Notebook** to develop and optimise data processing workflows; reduced manual data entry by 80% and improved data accuracy for critical business metrics

DICTIONARY

- Spearheaded the development of a highly efficient dictionary application using **PyDictionary and Django**
- Designed with **CSS and HTML** to revamp the user interface of the company website, resulting in a 25% increase in page views and a 15% decrease in bounce rate.

WEATHER APPLICATION

- Developed and implemented an **API-integrated** application that provides **real-time temperature and humidity details** for any given location, enhancing user experience and driving engagement
- Designed a scalable Python solution, integrating a **Weather API** to provide accurate weather information to users

LIBRARY APPLICATION FORM - PYTHON

- This web application fully developed with python on anvil.works with **Python / frontend / backend**