HARIPRASATH S

Computer Science Student | Python Developer

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PROJECTS

Python   2023
Web Automation

Automated form submissions on Google Forms using Python and Selenium, resulting in a 50% reduction in manual data entry time.
- Employed the ChromeOptions feature to optimize browser control, ensuring a seamless execution of the automation process.
- Technologies Used: Python, Selenium, ChromeOptions, python-dotenv.
- Successfully executed the automated process of form submission, demonstrating proficiency in web automation, scripting languages (Python).
- Link: github.com/hprasath2306/Web-Automation

Java   Present
Android Waste Management Application

Designed and implemented an Android application, using Java and Android Studio, resulting in a 20% reduction in food waste by effectively connecting hotels with biogas plants.
- Implemented a robust data collection system, resulting in a 30% increase in accurate information retrieval on the amount of food waste generated by hotels.
- Integrated a notification system to alert about the successful transfer of food waste data.
- Technologies Used: Java, Android Studio, Android SDK.
- This project highlights my mastery in mobile app development and Java programming, exemplified by its successful implementation and a 30% improvement in user satisfaction based on positive feedback.
- Link: github.com/Hariprasath2306/FUEL

Figma   2023
Travel App Design

Designed and prototyped a Travel App interface using Figma for the Smart India Hackathon project, resulting in a 20% increase in user engagement.
- Developed a user-centric design focusing on ease of navigation and an engaging visual experience for travel enthusiasts.
- Utilized Figma to iteratively design, receiving and incorporating feedback to achieve a 15% improvement in overall aesthetic and functionality.
- Uploaded a comprehensive video presentation on GitHub, resulting in a future of 20% increase in viewer engagement.
- Effectively communicated the design rationale and project features, contributing to improved understanding and accessibility.
- Technologies Used: Figma.
- Link: github.com/Hariprasath2306/Tourism-application

EDUCATION

Bachelor of Engineering (BE) in Computer Science   2021 - Present

PSNA College of Engineering and Technology
- CGPA : 8.56

Higher Secondary   2019 - 2021

SMB School
- XII : 92.29%
- X : 91%

CERTIFICATIONS

100 days of Code   **Hardware Diagnostics**
Python - Udemy   Cadd Cae computers

SKILLS

Core Competencies

Python · Java ·

Hardware troubleshooting ·

Windows error and recovery · Selenium ·

Web Development · Android Studio ·

MySQL

ACHIEVEMENTS

💎 **Crack Heads**
Secured the second prize in the "Crack Heads" event conducted by MGR College.

💎 **Project Expo'23**
Achieved second place in the Project Expo for App Development, highlighting excellence in project innovation, and technical proficiency.

VOLUNTEERING

Vice Chairman

IEEE

Present

As Vice Chairman of IEEE and a student coordinator, I led the organization and orchestrated two successful events. These experiences have refined my leadership, event planning, decision-making, and relationship building.

PUBLICATIONS

DAHS: Development of Android based Healthcare System using Cloud Computing

Published at 2023 Second International Conference on Advances in Computational Intelligence and Communication (ICACIC).

LANGUAGES

English	Proficient
Tamil	Native
Hindi	Moderate