

Jayasuriyaa E

📞 9444983856 — ✉ jayasuriyaa10@gmail.com — 🌐 <https://www.linkedin.com/in/jayasuriyaa-elanchezhian/> — 🐙 github.com/Jayasuriyaa10

Career Objective — Adaptable and results-driven Junior Software Engineer with hands-on experience in automation, RPA technologies. Eager to leverage my technical skills and ability to quickly adapt to new challenges in a dynamic environment. Open to opportunities where I can contribute to process optimization and quality improvement through innovative solutions.

Skills

Automation Selenium, Excel, SAP Logon (VBScript)	OS Windows
Skills Numpy, Pandas, Scikit-learn, Matplotlib, SQL	Version control Github, Gitbash
Languages Python	Others Https, Postman

Work Experience

Beez Innovation Labs Pvt. Ltd.

Feb 2024 – Present

Junior Software Engineer

Task:

- Developed Automation bots using Python.
- Worked on selenium, SAP Logon, Excel automations.
- Contributed to the development of a Python library at Beez Labs, designed to support internal use and enhance functionality.
- Collaborated with cross-functional teams to streamline IT processes and improve efficiency.

Education

Bachelor of Technology in Computer Science and Engineering

June 2020 – Feb 2024

Amrita Vishwa Vidyapeetham, Coimbatore

CGPA: 6.53

Publications

- 15th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT) -
YoloV8-Powered Surveillance: Safeguarding Crops from Wildlife and Fire Hazards

Higher Secondary School Education

March 2019 – March 2020

Velammal Vidyalaya, Chennai

Percentage: 86%

Secondary School Education

March 2017 – March 2018

Velammal Vidyalaya, Chennai

Percentage: 84%

Besant Technologies

Python Data Science Course

Projects

Sox Control automation

Feb 2024 – Present

Beez Innovation Labs Pvt. Ltd.

client: Bacardi

- **Objective:** Developed SAP automation bots using Python to streamline SOX (Sarbanes-Oxley) control processes. Utilized Python libraries and frameworks to interact with SAP systems and automate repetitive tasks. Designed solutions for controls PTP012, PTP001, IT.CM.1.
- **Tools/Techniques:** SAP, Python, pywin32 library, Tulip, Automation Frameworks.
- **Key Responsibilities:** Led Functional Test Planning for automation scripts ensuring comprehensive test coverage for SOX control processes. Developed automated test scripts and supported continuous testing of SAP systems for security, API, and regression testing. Participated in defect tracking, troubleshooting, and code reviews to maintain testing standards and ensure quality assurance. Monitored automated workflows, identifying and reporting defects to support continuous improvement in testing processes. Collaborated with cross-functional teams to optimize testing environments and data configurations.
- **Outcomes:** A solution was designed and made live to automatically perform audit board proof creation and upload to audit board.

- **Objective:** Developed Selenium automation bots using Python for crawling data from websites.
- **Tools/Techniques:** Pycharm, Python, pywin32 library, Tulip, selenium
- **Key Responsibilities:** Led the development and testing of Selenium-based automation scripts to crawl and extract data from target websites. Conducted continuous testing for the automation of data crawling processes, ensuring reliability and accuracy. Collaborated with cross-functional teams to integrate the automation scripts into the overall audit process.
- **Outcomes:** A solution was designed and made live to automatically perform audit board proof creation and upload to audit board.

Protecting crops from Wild life encounters

Aug 2023 – Dec2023

- **Objective:** Prevent animals from entering the farm by playing their respective frequency range sounds to fend them off.
- **Tools/Techniques:** Esp32 cam, Firebase, Flutter.
- **Key Learnings:** Gained experience in IoT and real-time system design using ESP32 and Firebase. Learned to integrate hardware and software solutions for agricultural applications..
- **Outcomes:** Enhanced the safety and productivity of agricultural farming by preventing wildlife encounters.

Smart lot mail box

Feb 2023 – June 2023

- **Objective:** Prevent To build a smart IoT device that can notify on receipt of a mail
- **Tools/Techniques:** Esp32 IFTTT Cloud, Arduino IDE
- **Key Learnings:** Gained hands-on experience in developing smart home devices with Arduino IDE.
- **Outcomes:** Enhance Created a IoT Enabled Device that can be send a notification to the user 's mobile when mail received

Hotel Booking Management System

Jan 2021– June 2021

- **Objective:** To build a website for customers to book rooms with data base to store customer with an Admin panel to oversee the trades.
- **Tools/Techniques:** MYSQL for Database using PHP HTML, CSS,JS, React as Front end
- **Key Learnings:** Learned full-stack web development, from frontend design (React, HTML, CSS) to backend database management (MySQL). Developed strong database management and query handling skills.
- **Outcomes:** Created a website for that shows availability of rooms where customer can login and book rooms according to their convenient days

Area of Interest

- Data Science
- RPA
- Front End
- Machine Learning
- DBMS