

# SRISANKARAN V

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## SKILLS

### Technical Skills: |

Java • Python • C • SQL • PostgreSQL • Data Structures • Algorithms • Git • SpringBoot • UiPath  
HTML • CSS • JavaScript • Machine Learning • Docker

### Soft Skills |

Problem-Solving • Team Collaboration • Adaptability • Time Management • Analytical Thinking

## INTERNSHIP

### PHILIPS | RPA Developer | Certificate Link |

Jan 2024 - Jul 2024 | Chennai

- Developed **RFP Bid Search Automation** for **14** public websites, replacing static processes with a **dynamic solution** that adapts to diverse web structures and layouts.
- Improved scalability and reliability, reducing manual updates by **70%**, minimizing errors, and allowing seamless integration with frequently changing elements like dynamic buttons and layouts.
- Challenges:** Encountered challenges with **buttons** on multiple websites, where some buttons were not directly accessible
- Solution:** Dynamically **accessing** the parent element of the button, as the **inner text** of the button changed dynamically.
- Tech Stack:** UiPath, JavaScript, Orchestrator, Sharepoint

## PROJECT

### Drug Inventory Management System | GitHub Repository Link |

Jul 2024 – Present | Chennai

- Implemented a Drug Inventory Management System to streamline **drug stock management, track patient - doctor information, and maintain treatment histories**.
- Achieved a **90%** reduction in manual inventory errors. Improved **70%** in patient record search speed by **optimizing database indexing, query design**, and leveraging **in-memory caching** for faster data retrieval.
- Challenges:** Efficient data retrieval for complex relationships, handling concurrent updates to stock levels, and ensuring accurate drug recommendations based on inventory
- Technologies:** JAVA, Spring Boot, Spring Security, JWT, PostgreSQL, RESTful API.

### Fake Product Identification Using Blockchain | GitHub Repository Link |

Feb 2024 – May 2024 | Chennai

- Developed a Fake Product Identification System with unique **QR code generation**. Customer product verification via QR code scanning, and **blockchain-based traceability** to ensure product authenticity and **transparency**.
- Reduced manual product verification time by **80%**, significantly improving efficiency and enabling faster authentication. .
- Challenges:** Ensuring data integrity and authenticity by securing blockchain records, preventing unauthorized tampering.
- Technologies:** Blockchain (Ethereum), Ganache, Metamask, Solidity (Smart Contracts), Web3.js, HTML, CSS, JavaScript

## EDUCATION

### Master of Computer Application (MCA)

2022 - 2024

Anna University, Guindy, Chennai, Tamilnadu

**CGPA: 7.66**

### B.SC Mathematics

2018 - 2021

Guru Nanak College, Chennai, Tamilnadu

**CGPA: 7.96**

### HSC

2017 - 2018

G.R.V.HR.SEC.SCHOOL, Theni, Tamilnadu

**Percentage: 77**

### SSLC

2015 - 2016

G.R.V.HR.SEC.SCHOOL, Theni, Tamilnadu

**Percentage: 93.60**

## CERTIFICATES

Java Object-Oriented Programming

Spring Boot Fundamentals

Introduction to SQL

Git Essential Training

Programming Essential in Python