# SHARATH POOJARI

## FULL STACK TESTER

Detail-oriented Senior Software Test Engineer with 7+ years of experience in test automation, system design, and software quality assurance. Adept in leading cross-functional teams, developing scalable test frameworks, and ensuring operational stability. Proficient in Web, API, UI, and Accessibility testing, with a solid understanding of Agile methodologies. Seeking to leverage technical expertise and leadership in delivering high-quality software solutions.

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📍 Bangalore

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🌐 https://sharathpjry-github-io.vercel.app/

## SKILLS

- **Test Automation**: Cypress, Selenium WebDriver, RestAssured, Playwright, Puppeteer
- **Programming Languages:** JavaScript, Java
- **Testing Types:** Functional, Regression, Smoke, Exploratory, API, UI, Load & Performance, Accessibility (WCAG 2.1)
- **CI/CD Tools:** Jenkins, Bitbucket
- **Version Control:** Git
- **Defect Tracking & Test Management:** Jira, Confluence
- **Relational Databases:** SQL, Data Validation
- **Agile Methodologies:** Scrum, Sprint Planning, Retrospectives
- **Operating Systems:** Windows, Mac OS, Android, iOS
- **IDE Tools:** Eclipse, Visual Studio Code

## LANGUAGE

JS

Java

## TECH STACK

### UI AUTOMATION

- Cypress - JS
- Selenium - Java
- Playwright - JS
- Puppeter

### API

- Rest Assured
- PostMan
- Cypress
- Playwright
- swagger

### SECURITY

- OWASP
- NMAP
- Cross Site Scripting - XSS
- SQL Injection
- XPath Injection

### PERFORMANCE

- K6
- J-Meter

### DATABASE TESTING

- SQL

### CLOUD

- AWS Fundamental
- Azure  az-900

### MOBILE TESTING

- Appium`

# PROFESSIONAL EXPERIENCE

**Senior Software Test Engineer**
**OneOrigin, Bengaluru**
**April 2023 - Present**

- Created scalable test automation frameworks using Cypress for improved test script management and maintenance efficiency.
- Developed extensive test data and scenarios for critical application areas, ensuring full test coverage.
- Led automated test suites for RESTful APIs using tools like Postman and RestAssured.
- Integrated CI/CD pipelines to automate test execution and provide rapid feedback.
- Conducted manual testing to uncover hidden defects and improve overall software quality.
- Collaborated with developers, product managers, and business analysts to ensure product quality.

**QA Engineer**
**Intrado India Pvt Ltd., Bangalore**
**October 2018 - December 2022**

- Specialized in Telecom domain testing, covering functional, integration, regression, and smoke testing.
- Automated test cases using Selenium WebDriver and Cypress, increasing testing efficiency.
- Conducted API, Web, UI, functional, regression, exploratory, and performance testing.
- Applied software engineering principles in system design and application development.
- Worked within Agile frameworks, participating in scrums, sprint planning, and retrospectives.
- Recommended automation for specific manual testing processes.

# KEY PROJECTS

**SIA**
**Technology: Cypress**
**Domain: Educational**
**OS: Mac OS (MacBook, iPhone)**

- An AI-powered solution designed to streamline college admissions in the U.S., leveraging advanced algorithms to enhance application processing, student engagement, and decision-making efficiency.
- Responsibilities:
  - Automated UI Testing with Cypress: Automated UI testing using Cypress, identifying key scenarios for test automation to ensure seamless user interaction across the platform.
  - Test Script Debugging & Enhancement: Debugged and enhanced test scripts, managing test execution and analyzing results for continuous improvement, ensuring better coverage and fewer defects.
  - Comprehensive Performance & Regression Testing: Conducted performance and regression testing, ensuring platform stability under various scenarios and across system updates.
  - Advanced Architectural Knowledge: Applied advanced understanding of application, data, and infrastructure architecture to ensure system reliability, supporting the development of robust testing strategies.

**Arizona State University Online**
**Technology: Manual Testing, Cypress**
**Domain: Educational**
**OS: Mac OS (MacBook, iPad, iPhone), Windows**

- A robust online platform offering detailed information on ASU's courses, degrees, and certifications.
- Responsibilities:
  - Test Case Design & Requirement Analysis: Analyzed customer requirements and designed appropriate test cases to ensure platform functionality and user experience.
  - Functionality, Regression, & Accessibility Testing: Conducted functionality, regression, and accessibility testing, ensuring compliance with WCAG 2.1 standards to enhance web accessibility for users.
  - Collaboration with Developers & Business Teams: Worked closely with developers and business teams to track and resolve technical issues, ensuring alignment with project goals.
  - Cross-Functional Leadership: Led cross-functional teams in designing and delivering test results, fostering effective collaboration across departments to achieve testing goals.

**Vaigus**
**Technology: Manual Testing, Playwright**
**Domain: Educational**
**OS: Windows**

- An AI-driven tool that assists universities in designing and developing courses, optimizing curriculum creation through intelligent automation and data-driven insights.
- Responsibilities:
  - Automated Web Testing: Designed and implemented end-to-end test cases using Playwright, ensuring seamless functionality and regression coverage across web applications.
  - CI/CD Pipeline Development: Developed and maintained CI/CD pipelines to streamline automated testing workflows, ensuring efficient test execution and reporting.
  - Scheduled & Continuous Testing: Managed and optimized cron jobs for scheduled test runs, improving test reliability and early defect detection.
  - Cross-Browser & Device Testing: Ensured application compatibility by executing Playwright tests across multiple browsers and devices.

**Baobab**
**Technology: Manual Testing, Playwright, Appium**
**Domain: Educational**
**OS: Windows**

- A digital learning platform designed to foster collaboration, mentorship, and skill development in education, enabling students and professionals to connect and grow through AI-powered resources and community engagement.
- Responsibilities:
  - Automated Web & Mobile Testing: Designed and executed Playwright test cases for web applications and leveraged Appium for mobile automation, ensuring seamless cross-platform functionality.
  - CI/CD Integration: Developed and maintained automated Playwright and Appium test suites within CI/CD pipelines, optimizing test execution and deployment processes.
  - Scheduled & Continuous Testing: Configured and managed cron jobs for periodic test execution, enhancing early bug detection and system reliability.
  - Cross-Browser & Cross-Platform Testing: Ensured web and mobile application compatibility by executing tests across multiple browsers, devices, and operating systems.

**URL Health Checker**
**Technology: Puppeteer**
**Domain: Web Monitoring**
**OS: Windows**

- A web monitoring script designed to scrape all URLs from a sitemap and check their health status, ensuring accessibility, proper response codes, and website uptime.
- Responsibilities:
  - Automated URL Health Checks: Developed and executed Puppeteer scripts to scrape URLs from sitemaps and validate their health status.
  - Response Code Validation: Ensured correct HTTP status codes (200, 301, 404, etc.) and identified broken links or misconfigured redirects.
  - CI/CD Integration: Integrated Puppeteer-based scripts into CI/CD pipelines for automated periodic URL health monitoring.
  - Scheduled & Continuous Testing: Configured and managed cron jobs to execute the script at defined intervals, ensuring real-time issue detection.
  - Reporting & Alerts: Implemented logging and reporting mechanisms to notify stakeholders of URL failures, slow response times, or accessibility issues.

**Sia - Security Testing**
**Technology: OWASP**
**Domain: Security Testing**
**OS: Windows**

- Conducted comprehensive security testing on an in-house product, focusing on identifying vulnerabilities using industry-standard tools and techniques to ensure data protection and system integrity.
- Responsibilities:
  - Security Testing & Vulnerability Scanning: Conducted security assessments using OWASP tools, Nmap, and manual testing to identify vulnerabilities in the application and infrastructure.
  - SQL Injection Testing: Performed SQL injection testing to identify potential risks and mitigate issues related to unauthorized database access.
  - Network Security & Port Scanning: Utilized Nmap for network scanning, identifying open ports, and mapping network services for possible security breaches.
  - Risk Identification & Mitigation: Identified vulnerabilities such as cross-site scripting (XSS), insecure data transmission, and authentication flaws, providing remediation strategies.
  - Security Reporting & Documentation: Compiled detailed reports outlining findings, risks, and suggested fixes to ensure secure system implementation and compliance with security standards.

**SunDevil Athletic - API Testing**
**Technology: Swagger, Postman, Manual Testing**
**Domain: Sports Management**
**OS: Windows**

- Tested APIs for the SunDevil Athletic system, ensuring the correct implementation and functionality of all endpoints.
- Responsibilities:
  - API Testing & Validation: Performed manual and automated testing of RESTful APIs using Swagger and Postman, ensuring correct API functionality, response formats, and status codes.
  - Request & Response Verification: Tested various HTTP methods (GET, POST, PUT, DELETE) to validate the expected output and ensure proper error handling and data consistency.
  - Automation & Scripting: Developed and executed Postman collections and scripts to automate the testing of APIs, improving efficiency and test coverage.
  - Integration Testing: Verified the integration of APIs with front-end and back-end components to ensure proper data flow and user interactions.
  - Reporting & Documentation: Documented test cases, test results, and defect reports for team collaboration, providing detailed insights into the API performance and issues.

**IOL - InterCall Online**
**Technology: Java, Selenium, Cypress, JavaScript**
**Domain: Telecom**
**OS: Windows, Android**

- InterCall Online is a secure, web-based self-service platform enabling global customers to easily access all of InterCall's audio conferencing services and pay-per-minute web services.
- Responsibilities:
  - Led manual testing efforts: Managed the full lifecycle of manual testing, including designing test cases, executing tests, and reporting defects.
  - Automated test cases with Selenium: Automated test cases using Selenium WebDriver in the TestNG framework, applying the Page Object Model for efficient access to web elements and ensuring scalable test automation.
  - Enhanced test coverage with Cypress: Leveraged Cypress for end-to-end testing of web applications, enhancing test coverage and reducing the likelihood of regressions.
  - Applied software quality methodologies: Applied software quality methodologies and test automation tools like Cucumber to improve test efficiency, identify defects early, and reduce manual testing effort.
  - Drove architectural and business process understanding: Demonstrated a strong understanding of system architecture and business processes, contributing to successful project delivery and improved team collaboration.

# PERSONAL DETAILS

| | | |
|---|---|---|
| Name | : | Sharath S Poojari |
| Father Name | : | B S Shankar |
| Date of birth | : | 19th November, 1990 |
| Sex/Marital status | : | Male / Married |
| Current Address | : | Sharath S Poojari |
| | | Universe,3rd floor opp to KRB building |
| | | Shubash street,MEG layout |
| | | Mahadevpura, Bangalore |
| | | Pin   : 560016. |

Declaration

I hereby certify that above mentioned particulars are correct to the best of my knowledge and belief.

Date:                                                                                                Yours Faithfully

Place: Bangalore                                                                        Sharath S Poojari