

# HARYISH ELANGUMARAN

## QA TEST ENGINEER (FUNCTIONAL)

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CHENNAI, TAMILNADU

### SUMMARY

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- A **QA Test Engineer** with **4 years** of experience in both **manual and automation testing** for complex web, mobile and API systems.
- Proven expertise in designing and executing a full spectrum of testing, including **Functional, Regression, Smoke, Sanity, UAT, and End-to-End** within **Waterfall and STLC** model.
- Skilled in developing robust **test automation frameworks** using **Selenium (Java & Python), Cypress, PyTest, and Robot Framework** to enhance testing efficiency and coverage.
- Hands-on experience with **CI/CD pipelines** using **Jenkins** and **GitHub Actions**, and proficient with tools like **Postman, Jira, BrowserStack, Perfecto, Snowflake, and Azure CLI**.

### EXPERIENCE

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March 2022 – Dec 2025

#### **QA Test Engineer (Banking and Financial Services Domain)**

Cognizant Technology Solutions, Chennai

- **Engineered** and **executed** comprehensive **end-to-end (E2E) testing** strategies, creating detailed **test plans, test scenarios**, and a **Requirements Traceability Matrix (RTM)** to ensure 100% test coverage for all business requirements.
- Conducted E2E Testing in UAT environment utilizing tools and techs of both **Manual** and **Automation Tests**.
- **Proactively identified, logged, and tracked** defects using **Jira with X-Ray**, enhancing defect visibility and streamlining the resolution workflow for developers and stakeholders.

March 2022 – Dec 2025

#### **Programmer Trainee (QEA)**

Cognizant Technology Solutions, Chennai

- Completed intensive Quality Assurance Engineering training, gaining certified expertise in **testing principles, automation with Selenium WebDriver (Java), Cucumber, TestNG**, and exposure to **Jenkins and Git** for CI/CD processes.

### EDUCATION

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August 2024

#### **Master of Computer Applications**

Anna University, Chennai, TN

Completed with 68% via Distance Mode.

June 2021

#### **Bachelor of Computer Applications**

Dwaraka Doss Govardhan Doss Vaishnav College, Chennai, TN

Completed with 80% in Regular education (full time).

## SKILLS & ABILITIES

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Testing Execution Types	Manual Testing   Automated Testing   Functional Testing
Software Engineering Model	STLC (Software Testing Life Cycle)   Waterfall   Agile Methodologies
Testing Tools	Selenium WebDriver   Postman (REST API)   Perfecto   Browser stack
Tool for ALM	Jira
Version Control	Git   GitHub
SQL and platform	MySQL   Snowflake DB
Programming Languages	Java   Python   JavaScript
Testing Frameworks	Cypress   TestNG   PyTest   Robot
Framework Approaches	Data Driven   Behaviour Driven Test
CI/CD	Jenkins   Github Actions
Documentation and maintenance	MS Office (Word   Excel   Powerpoint)
Testing Types	Exploratory (APIs)   Smoke   Sanity   UAT   E2E   System   Regression.
Domain specific platforms	Vision Plus Testing (via Bluezone Mainframe)

## PROJECT

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### NEWDAY CARDS AND TECHNOLOGIES

This project works is done for a banking service named **NewDay Cards Pvt Ltd** specializes in providing consumer finance services, including credit cards, to retail consumers. The company is dedicated to helping people move forward with credit by offering a range of financial products.

#### Responsibilities:

As a Functional QA in the User Acceptance Testing (UAT) phase, I played a role in ensuring the quality and reliability of their software products focussing on customer onboarding journeys. My responsibilities included,

- **Test Planning and Design:** Developed comprehensive **test plans, Requirement Traceability Matrix (RTM), test scenarios, and test cases** based on detailed project requirements and specifications.
- **Test Execution:** Executed test cases both **manually and using automated testing** tools.
  - For **web** automation testing, I utilized **Selenium** WebDriver, **Cypress**, and for API testing, I employed **Postman**.
  - For **Manual** testing, I utilize the tools such as **Perfecto** and **Browerstack** for Mobile testing and Snowflake for dataset management,
  - Have involved in **VisionPlus testing** (under modules FAS, CMS, TRAMS, LMS) on BlueZone Mainframe for testing various credit card functionalities.
- **Defect Management:** Identified software defects and inconsistencies, documented them meticulously, and tracked their resolution using Jira. Provided detailed information to developers to facilitate quick and effective bug fixes.
- **Regression Testing:** Conducted thorough regression testing to validate bug fixes and ensure the stability of the software.
- **UI and API Testing:** Developed and executed UI tests and participated actively in API testing to ensure comprehensive test coverage and high-quality assurance.

## COURSE AND CERTIFICATION

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- **Diploma in Web Designing** - National Council for Vocational Education and Training, 2020
- **Python Essential 1** - Cisco, 2024
- **GitHub Ultimate: Master Git and GitHub - Beginner to Expert** - Udemy, 2023
- **Selenium WebDriver with Python from Scratch + Frameworks** – Udemy, 2023

## EXTERNAL ACTIVITIES AND ACCOMPLISHMENTS

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### Contribution to Cognizant's Bluebolt Innovation

**2025**

With the opportunity to Cognizant's BlueBolt Innovation, that creates opportunities for developers to record their innovations that brings efficiency to the system development, we have contributed the following.,

- **Automated Email Content Validation Engine**
  - Pioneered and developed a validation system to automate email content comparison, slashing verification time from **10+ hours to under 1 hour** per test cycle. This innovation significantly accelerated the project's retesting process and reduced manual effort.
- **JSON-to-Database Report Validation Utility**
  - Engineered a **Node.js** script to convert and validate large JSON files against database reports, cutting down report analysis time from **5 hours to 1 hour**. This tool ensured data integrity and enhanced efficiency during regression testing.

### Mentorship Program | Cognizant's Buddy Mentor Connect

**2023**

Mentorship Program Contributed around 20+ hours in mentoring freshers and interns in Cognizant Academy under QEA domain, sharing and helping by the best of my knowledge in their curriculum.

### Test Evidence Validator | Hack-o-Mania

**2022**

Accomplished a Mini project on Test Evidence validation, that captures details on each screenprint, their timings intervals of preceding screenprints.

## CONTACT

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Portfolio:

- Github: <https://github.com/Haryish>
- LinkedIn: <https://www.linkedin.com/in/haryish/>