Raniganj, West Bengal, India, 713347

# Arghajit Singha

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## EMPLOYMENT

| QA Engineer III | PEI | June 2024 - Present |
| --- | --- | --- |

- Worked on Web application Testing in financial/Equity Project.
- Worked on In Sprint and Regression Functional/Manual Testing.
- Developed Automation Test scripts and Maintained existing Test scripts using Playwright for the same project.
- Conducted API Testing using Swagger and Playwright for robust backend validation.
- Registered User Story work status, bugs, and issues using JIRA Agile Tool for effective project tracking.
- Created frameworks and managed reporting on Playwright, enhancing automation efficiency.
- Led a team of 3 members and successfully delivered the product as per management's expectations.
- Worked on Load Testing using K6 and Grafana to ensure application scalability.
- Conducted Performance Testing using Google Lighthouse integrated with Playwright for detailed insights.
- Developed a Performance testing UI dashboard for listing out all the performance score for various webpages.
- Performed Visual Testing using ResembleJS and TesseractJS to validate UI consistency and accuracy.

| Software Development Engineer in Test | IBM (Contractor) | November 2023 – June 2024 |
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- Worked on Salesforce Testing in a Banking Project for IBM.
- Worked on In Sprint and Regression Function / Manual Testing.
- Developed Salesforce Automation Test scripts and maintained existing Test scripts using TestNG – Selenium, BDD – Cucumber for the same project.
- Worked on API Testing of Salesforce Testing using Postman and Selenium with Rest-Assured library support for the same.
- Worked on existing Framework maintenance for IBM.
- Worked on registering User story work status, Bug and Issues using JIRA Agile Tool.

| Software Development Engineer in Test | Zemoso Technologies Pvt. Ltd. | March 2022 – October 2023 |
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- Worked on Testing entire application manually and writing Manual Test Cases for Web Applications.
- Developed Automated UI Test Script for entire Web Application using Cypress, Selenium and Playwright.
- Worked on preparing API Testing of Web applications using Postman and Automated API testing using Karate framework and Cypress.
- Worked on developing performance testing and load testing using JMeter.
- Worked on registering bugs and issues using JIRA Agile tool.
- Worked on running the Automation script on CI/CD platforms.
- Worked with basic SQL queries.

| Graduate Engineer Trainee | AirMech Engineer Pvt. Ltd. | September 2021 – March 2022 |
|---|---|---|

- Worked on Testing entire Web Application manually and writing Manual Test Cases for Web Applications.
- Developed Automated UI Test Script for entire Web Application using Cypress, Selenium and Playwright.
- Worked on preparing API Testing of Web applications using Postman.
- Worked on registering bugs and issues using JIRA Agile tool.

## TECH STACK / TECHNOLOGIES

- Playwright (JavaScript and TypeScript)
- Cypress
- Cucumber - Gherkin
- Selenium (Java, TestNG)
- JavaScript, TypeScript
- Java
- Load Testing (K6 Grafana, JMeter)

- Performance Testing (Automated lighthouse with puppeteer)
- Postman
- CI/CD (GitHub Actions, Jenkins, GitLab Pipelines)
- Manual Testing
- Database Testing (postgresQL, MySQL)
- React, HTML-CSS
- Visual Testing (Automated ResembleJs, TesseractJS)

## EDUCATION

| Degree | College / School (Institute) | Percentage (%) / CGPA. |
|---|---|---|
| B. Tech | St. Mary's Group of Institutions (Affiliated to Jawaharlal Nehru Technological University, Hyderabad) | 7.3 |
| 12th State Board (2017) | Raniganj High School (Affiliated to State Board) | 79% |
| 10th State Board (2015) | Raniganj High School (Affiliated to State Board) | 87% |

## ACHIEVEMENTS

- 80% marks in TCS NQT Exam, Feb-2021
- 4 stars in Hacker Rank – Python
- 3 stars in Hacker Rank – SQL
- 3 stars in Hacker Rank - Java

## CODING PROFILES AND SOCIAL PROFILES

- **HackerRank**
- **GitHub**
- **LinkedIn**
- **Web Portfolio**