Santu Roy

413-535-6169 | santuroy.it@gmail.com | Github | LinkedIn

SOFTWARE DEVELOPER

15+ years of total experience in IT with emphasis on Full Stack development(MEAN/MERN) & SDET. 4+ years of full stack development using Express, Angular, ReactJS, WordPress, MongoDB, NodeJs, git, jenkins, aws, azure, circleCI. 10+ years of experience SDET using Pact Contract testing, Selenium, Protractor, webdriverIo, testcafe, playwright, Jest, Mocha, SerenityJS, RestAssured, Jmeter, k6, UFT. 13+ years of programming experience in JavaScript, TypeScript, Java, VBscript, Python. Working experience in Agile methodology over 12 years. Strong knowledge of various phases of Software Development Life Cycle (SDLC) and Test Methodologies. Experience with all levels of testing including Unit, Contract, Smoke, Functional, Integration, System, Regression, end to end Testing, Load Testing.

TECHNICAL SKILLS

Full Stack: Express | Angular | ReactJS | Jest | Mocha | SonarQube | Docker | aws |
Automation Testing: Pact Contract testing | Selenium | Protractor | webdriverIo | testcafe | playwright | Cypress | Jest | Mocha | SerenityJS | RestAssured | UFT
Performance Test: Jmeter | K6 / **Defect Management Tools:** Rally | JIRA | HP Quality Center | ALM
Other Testing Tools: SeeTest | Applitool | Saucelab | Browserstack | Appium | SoapUI | Ranorex
Database: MongoDB | PGAdmin | PostGreSQL | SQL Server | DB2
Programming Languages: JavaScript | Typescript | JAVA | Swift | Python / **Scripting Language:** Shell
Version Control: Git | Gitlab | GitHub / **CI/CD Tools:** Jenkins | Azure DevOps | circleCI

PROFESSIONAL EXPERIENCE

TEKsystems-Verizon   **8/2023 – 10/31/2023**
Front-end development of Web Applications using ReactJS. Develop REST API using ExpressJS, Springboot. Using PostgreSQL and MongoDB. Wrote unit tests and contract tests.
- Created React components according to design specs and define component life cycles Develop & maintain reusable elements using Storybook for React application.
- Developed BE services using expressJS, Springboot.
- Designed robust Unit testing coverage.
- Developed Integration test framework using PACT contract test tool.
- Developed Automation solutions using Testcafe, Playwright, cucumber, JavaScript and JAVA.
- Developed Automation solution using SerenityJS, testcafe, cucumber, JavaScript, RestAssured and JAVA.
- Performed Load testing using K6 and Jmeter.

CVS Health, Boston, MA (Remote)   **08/2020 – 08/2023**
Full-stack Developer using Express, Angular, React, Mongo, Kafka, Braze, CircleCI, Splunk.
- Created reusable angular components and maintained using Storybooks.
- Developed new services using ExpressJS with more than 90% unit test coverage.
- Implemented contract testing PACT framework which eliminated major integration bugs in production as using this framework bugs are identified during early development process.
- Developed Automation solutions and framework for UI using JavaScript, cucumberJS, WebdriverIO, SeeTest.
- Created Automation Framework for API automation using mocha with Chai assertion library, JavaScript for the Digital testing practice (20+ Team member).
- Managed development and test environments using aws(EC3) for the team.
- Implemented CICD jobs using jenkins, Azure DevOps

TEKsystems, Yahoo (Contract),**,** Boston, MA (Remote)   **11/2019 – 08/2020**
SR. SDET and front-end development of Web Applications.
- Led Test Automation Framework team and developed Automation solutions/framework using Playwright, cucumber, JavaScript, RestAssured and JAVA.
- Improved Quality of product by implementing CICD jobs using jenkins and that helped to reduce any major production issue.

- Improved database testing using PostGreSql, MongoDB and provided mongo schema and middleware requirements & solutions to the BE Development team.
- Created several React reusable components according to design specs.
- Developed services using Express framework.
- Developed Automation solution using SerenityJS, testcafe, cucumber, JavaScript, RestAssured and JAVA.
- Participated and contributed to agile ceremonies like daily scrum, retrospective, PI planning, refinement.
- Implemented CICD jobs using jenkins, Azure DevOps

Cognizant Technology Solutions - Centene/CaseNet, Bedford, MA   **12/2017 – 10/2019**
Lead SDET, Quality assurance and front-end development of Web Applications.
- Developed Protractor Automation solution for HTML5 TruCare using JavaScript.
- Developed services using ExpressJS and SpringBoot.
- Developed unit tests for services.
- Developed Contract tests for external vendor's services. Worked as Test Lead.
- Quality assurance of existing Applications TruCare (AngularJS and flex user interface).
- Tested new API services to support the new AngularJS user interface.
- Developed Protractor Automation solution for HTML5 TruCare using JavaScript.
- Initiated and provided proof of concept for API automation using JAVA, RestAssured, TestNG for the project and provided estimation for complete future implementation.
- Developed chai-mocha framework for REST API automation using JavaScript.
- Maintained existing Ranorex Automation framework for existing TruCare Flex application.

Cognizant Technology Solutions – Verizon, parsippany, NJ   **07/2016-12/2017**
SDET/UAT Test Lead/Test Manager/Scrum Master. Provided manual testing strategy for UAT projects.
- Developed Protractor Automation solution for HTML5 TruCare using JavaScript.
- Involved in business analysis and requirement gathering. Provided automation solutions to clients using JavaScript and JAVA based framework using selenium.
- Coordinated activity with offshore, and with business, developer and test team. Participated and contributed to defect triage meetings and risk mitigation. Oversaw delivery schedule for team and offshore. Developed project closure documents. Involved non delivery/cognizant account level activity.
- Provided mobile automation solutions and identified mobile automation scope. Identified tool for mobile testing.
- Provided proposal for automation (Desktop web application) and manual testing.

Cognizant Technology Solutions – MassMutual, Springfield, MA   **01/2010-07/2016**
SDET Test Lead/ Onshore Coordinator
- Developed Selenium TestNG Framework using Java, Extent Report and implemented Jenkins jobs.
- Developed UFT framework for Angular, Flex application.
- Created Automation Test Plan and Test Strategy Created Test Strategy for the project.
- Test data preparation. Test case execution along with tracking defects in QC.
- Performed Smoke Testing, Functional testing, Regression Testing, User Acceptance testing.
- Performed multiple project estimations, Reviews, System Demo with stakeholders.

Programmer Analyst –John Hancock, Kolkata, India   **12/2007-01/2010**
Mainframe Developer, Quality Engineer/Tester
- Worked as mainframe developer, maintained application DB2, and designed CICS applications.
- Test data & Test case preparation/Execution.

EDUCATION & CREDENTIALS

Bachelor's Degree in Mechanical Engineering
– Jalpaiguri Govt. Engineering College/West Bengal University of Technology

SAfe Scaled Agile Certification | LOMA 280 External Certification on Life Insurance M001: MongoDB Basics ISTQB (International Software Testing Qualifications Board) Foundation Level Certified Tester

Santu Roy

- Chelsea, MA, US

Contact Information

- pph-iih-vz6@mail.dice.com

- 4135356169

Summary

Experienced Automation Test Lead with a demonstrated history of working in the information technology and services industry. Strong engineering professional skilled in Test Automation Tools, Selenium, Protractor, Agile Testing, HP QuickTest Professional (QTP), Requirements Analysis, and Agile Methodologies.

Work History

Total Work Experience: 16 years

- **Full Stack Developer | SDET Teksystem-Verizon (Contract)**
  Aug 01, 2023

- **Full Stack Developer CVS Health**
  Aug 01, 2020

- **Full Stack Developer Teksystems, Yahoo (Contract)**
  Nov 01, 2019

- **Full Stack Developer Cognizant Technology Solutions**
  Dec 01, 2017

- **Senior Sdet Cognizant Technology Solutions**
  Jul 01, 2016

- **Associate-SDET Cognizant Technology Solutions**
  Jan 01, 2010

- **Programmer Analyst Cognizant Technology Solutions**
  Dec 01, 2007

Education

- **Bachelors** | Jalpaiguri Govt Engg College (WBUT) India

Skills

- **automation** - 15 years
- **qa** - 14 years
- **agile** - 13 years
- **automated testing** - 13 years
- **framework** - 13 years
- **sdet** - 13 years
- **ui** - 13 years
- **web applications** - 13 years
- **selenium** - 8 years
- **selenium webdriver** - 8 years
- **cucumber** - 7 years
- **java** - 7 years
- **api** - 6 years
- **database qa** - 6 years
- **javascript** - 6 years
- **nodejs** - 6 years
- **restful** - 6 years
- **sql** - 6 years
- **git** - 5 years
- **jenkins** - 5 years
- **mongodb** - 5 years
- **testng** - 5 years
- **expressjs** - 4 years
- **postgresql** - 4 years
- **reactjs** - 4 years
- **typescript** - 4 years
- **webservice** - 4 years
- **analysis** - 3 years

- **docker** - 3 years
- **jmeter** - 3 years
- **postgres** - 3 years
- **aws** - 2 years
- **contract test** - 2 years
- **cypress** - 2 years
- **jasmine** - 2 years
- **owasp** - 2 years
- **playwright** - 2 years
- **continuous integration** - 1 years
- **golang** - 1 years
- **agile methodologies**
- **agile testing**
- **business analysis**
- **c**
- **gui test automation**
- **hp qtp**
- **microsoft sql server**
- **plsql**
- **requirements analysis**
- **requirements gathering**
- **sdlc**
- **system testing**
- **team management**
- **test automation framework**
- **test automation tools**
- **test cases**
- **test management**
- **test planning**
- **testing**
- **uat coordination**
- **user acceptance testing**
- **vbscript**
- **circleci** - 1 years
- **kafka** - 1 years
- **sonar** - 1 years
- **functional testing** - 12 years
- **it consulting** - 12 years
- **manual testing** - 12 years
- **process outsourcing** - 12 years
- **regression testing** - 12 years
- **test execution** - 12 years
- **defect tracking** - 10 years
- **regression analysis** - 10 years
- **system integration testing** - 10 years

- **test strategy** - 8 years
- **protractor** - 5 years
- **qa management** - 5 years
- **microsoft windows azure** - 2 years
- **soapui** - 1 years
- **mobile application qa** - 3 years
- **uft** - 6 years
- **hp quality center** - 5 years
- **hp quicktest professional** - 5 years
- **alm** - 3 years
- **db2** - 2 years

Work Preferences

- Desired Work Settings: Remote
- Likely to Switch: True
- Willing to Relocate: False
- Travel Preference: 25%
- Work Authorization:
    - US
- Work Documents:
    - US Citizen
- Security Clearance: False
- Third Party: False
- Employment Type:
    - Full-time
    - Contract - Corp-to-Corp
    - Contract - Independent
    - Contract - W2
    - Contract to Hire - Corp-to-Corp
    - Contract to Hire - Independent
    - Contract to Hire - W2

Profile Sources

- linkedin: http://www.linkedin.com/in/santu-roy-20b57522
- facebook: https://facebook.com/santu.roy.165
- Dice: https://www.dice.com/employer/talent/profile/2fd96764e47f9911fbd6f23ec8f5ea94