

Srinivas Mahaveer Dutt Baviseti

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WORK EXPERIENCE

Cognizant Technology Solutions

Hyderabad, India

Senior QA Engineer

May 2024 - Present

- Led automation testing initiatives for enterprise healthcare applications using Selenium, CATS, and BATS frameworks, achieving a reduction in defect escape rates and accelerating release cycles .
- Developed and integrated robust CI/CD pipelines within Azure DevOps environment, streamlining deployment processes which resulted in a decrease in regression cycle time and enhanced release stability across multiple healthcare platforms.
- Designed comprehensive API testing strategies for SOAP/REST services to ensure HIPAA compliance, increasing test coverage and reducing data privacy violations during production releases.

Cognizant Technolgy Solutions

Bangalore, India

Senior QA Engineer

Nov 2023 - May 2024

- Integrated comprehensive load and performance testing , successfully identifying bottlenecks early and preventing post-production performance incidents.
- Developed and implemented automated regression suites that expanded testing coverage by 25%, reducing manual testing effort by 40% and accelerating release readiness timelines.
- Orchestrated QA coordination for large-scale application upgrades, ensuring seamless transition and maintaining 99.9% uptime throughout deployment phases.

Cognizant Technolgy Solutions

EarthCity, MO, USA

Senior QA Engineer

Feb 2020 - Oct 2023

- Automed over 200 test cases across legacy and modern systems by developing robust Python and Java scripts, enhancing testing efficiency by 35% and reducing manual effort by 60%.
- Led comprehensive client-facing review sessions for test plans, boosting stakeholder confidence in release quality and accelerating approval cycles by 20%.
- Designed and executed API testing strategies for SOAP/REST healthcare claim services, resulting in improvement in defect detection rates and ensuring compliance with industry standards.

Cognizant Technology Solutions

Earth City, MO, USA

QA Analyst

Jul 2018 - Jan 2020

- Automated over 2,000 test cases utilizing Java, reducing manual testing effort by 70% and accelerating test cycle times.
- Designed and executed detailed test plans for healthcare claim processing systems, leading to a decrease in post-release defects and ensuring seamless compliance with industry standards.
- Collaborated proactively with development teams to identify and resolve critical defects early in the SDLC, resulting in a improvement in defect detection rate and maintaining strict adherence to HIPAA, PHI, and PII data security protocols.

PROJECT EXPERIENCE

Cognizant Technology Solutions

Earth City, MO, USA

Beacon LBS – Healthcare Claims Processing Platform

Jun 2019 - Sep 2022

- Designed and maintained comprehensive test plans for client-requested features, leading to a 80% reduction in post-release defect rates and ensuring thorough validation of platform functionalities.
- Led Test Plan Review sessions with BeaconLBS clients, successfully validating 35+ scenarios per meeting, which enhanced stakeholder confidence by 60% and facilitated faster approval cycles.
- Developed, executed, and sustained automated regression suites covering 2000+ test cases, increasing testing efficiency and supporting high-quality releases across multiple deployment cycles.

Claim Logic Platform – Feature Enhancements & Mode

Jul 2018 - Present

- Engineered and deployed new features such as Integrated Medicare Status (IMS), automatic claim status enquiry, and eligibility performance calculations, resulting in a reduction in manual processing time for claims validation.
- Conducted comprehensive security validations and facilitated system migration to advanced technologies, achieving a significant improvement in system robustness and ensuring compliance with industry standards.

- Developed and integrated automated testing scripts into CI/CD pipelines within Azure DevOps, enabling early detection of bottlenecks that improved release stability.

Healthcare Transaction Processing – QA Automation

Jul 2018 - Present

- Developed robust database testing strategies for Oracle and MS SQL systems, validating stored procedures and claim data points.
- Implemented CI/CD pipelines using Azure Pipelines that accelerated regression testing cycles, enabling faster deployment of updates across healthcare applications while maintaining zero-defect delivery standards.
- Engineered comprehensive automated API testing frameworks for SOAP and REST protocols, increasing test coverage by 75% and ensuring strict compliance with X12 EDI standards.

Healthcare Domain Specialization Projects

Jul 2018 - Present

- Medical Claim Attachments & Status Inquiry: Validated attachment workflows and automated end-to-end test coverage.
- Healthcare Claim Edits: Built automated checks to validate claim edits, ensuring compliance with business and government rules.
- Integrated Medicare Status: Tested integration logic ensuring accurate Medicare claim processing.
- Security Testing: Ensured HIPAA, PHI, and PII compliance across healthcare applications.

LEADERSHIP EXPERIENCE

Cognizant Technology Solutions

EarthCity, MO, USA

Senior QA Engineer

Jul 2018 - Oct 2023

- Led the development and maintenance of comprehensive test plans for the Beacon LBS project, covering 100% of client-requested features, which enhanced testing coverage and reduced post-release defects by 80%.
- Mentored junior QA engineers on automation frameworks, healthcare compliance standards (HIPAA, X12), and CI/CD best practices, accelerating onboarding time and increasing team automation coverage by 25%.
- Facilitated stakeholder review meetings, boosting client confidence through clear communication of testing progress and alignment with project requirements, resulting in a increase in stakeholder satisfaction scores.

EDUCATION

University of the Cumberland

Williamsburg, Kentucky

Master in Computer and Information Systems Security

Graduation Date: Aug 2022

The University of Texas at Arlington

Arlington, Texas

Master of Science in Computer Science

Graduation Date: Dec 2017

Andhra University

Visakhapatnam, Andhra Pradesh

Bachelor of Technology in Computer Science

Graduation Date: May 2015

SKILLS & INTERESTS

Technical: • **Programming Languages** : Python, Java, C#, Ruby, .NET, PHP, HTML, JavaScript, Bash, TCL/TK

- **Test Automation** : Selenium, CATS, BATS, API Testing (SOAP & REST), Web Service Testing
- **Performance Testing** : JMeter, LoadRunner, Postman
- **Test Management**: Azure DevOps, Jira, HP ALM, Quality Center, Git
- **CI/CD & Cloud** : Jenkins, Gradle, Azure Pipelines
- **Database Management** : Oracle DB, MS SQL DB (queries, stored procedures)
- **Operating Systems** : RHEL (Red Hat Enterprise Linux), Windows, Unix/Linux
- **Other Tools & Technologies** : Chef (Configuration Management), Security Testing

Domain: • Medical Claim Attachments, Healthcare Transaction Flow – X12, Claim Status Inquiry, Healthcare Claim Edits, Integrated Medicare Status

PUBLICATIONS

- Karthikeyan Rajamani, Adhavann Ramalingam, Srinivas Bavisetti, and Maher Abujelala. 2017. CBREN: Computer Brain Entertainment System Using Neural Feedback Cognitive Enhancement. In Proceedings of the 10th International Conference on Pervasive Technologies Related to Assistive Environments (PETRA '17). ACM, New York, NY, USA, 236–237. <https://doi.org/10.1145/3056540.3064971>