

Vijay Jannu

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<https://github.com/vjannu55?tab=repositories>

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PROFESSIONAL SUMMARY

Accomplished Software Development Engineer in Test with over 7+ years of experience in software development and testing. Demonstrated expertise in designing and implementing automated testing frameworks, as well as performing manual testing to ensure the delivery of high-quality software. Proficient in collaborating with cross-functional teams to achieve project goals. Adept in a wide range of programming languages and testing tools, with a strong foundation in web technologies and mobile development.

SKILLS

- **Programming Languages:** Java, Java script, Kotlin, Swift, Objective-C
- **Testing Frameworks:** Selenium/WebDriverIO/TestNG/BDD framework/TestNG/Cucumber
- **API Testing :** Postman/SoapUI/RestAssured.
- **CI/CD Tools:** Jenkins, GitLab
- **Version Control:** Git, GitHub, Bitbucket
- **Defect Tracking:** JIRA, Bugzilla
- **Databases:** SQL/MySQL/ MongoDB/Firebase/FoundationDB/GraphQL/LINQ
- **Cloud Services:** AWS, Azure

QE TESTING EXPERIENCE SUMMARY

- Experienced in delivering effective business solutions in Agile and efficient manner consistently.
- Skilled in consistently delivering effective business solutions in an Agile and efficient manner.
- Proficient in delivering end-to-end project test deliverables, including test management, test reporting, test verifications/validations, reviews, and sign-offs.
- Experienced in functional testing, UAT testing, regression testing, system testing, API testing, database testing, and test automation.
- Thorough understanding of testing lifecycles, phase objectives, and entry/exit/acceptance criteria.
- Proficient in creating test scripts for various software application components and modules.
- Experienced in working with established test automation frameworks, reviewing scheduled runs, and participating in root cause analysis.
- Skilled in designing and developing multiple test suites for automation tests, and in maintaining test data and test environment management.
- Proficient in test execution, bug reporting and re-testing, bug tracking, and providing test sign-offs.

EDUCATION (Evaluated and Recognized by WES)

- **Project Management** - Post Graduate Diploma – Centennial College – Progress Campus - Scarborough - May 2024 - Aug 2025
- **Mobile Application Development** - Post Graduate Diploma – Centennial College - Progress Campus -Scarborough – Nov 2023 - April 2024.
- **MIT (Master's In information Technology)** - *(Equivalent to Master of Computer Science in Canada).*
University of New England, Sydney, Australia.
- **BCA (Bachelor of Computer Applications)** - *(Equivalent to 4 years Bachelor's Degree in Computer Science in Canada).*
Osmania University, Hyderabad, India.

CERTIFICATIONS & ASSESSMENTS

- Completed NAD assessment for **GitHub/TestNG/Selenium Automation**.
- Certified UFT Automation Functional Testing Professional –v 14.5 Vskills Certified and Certified Selenium Professional Vskills Certified.
- IBM Certified Specialist FileNet Enterprise Content Manager - v5.1 and IBM Certified Business Process Management -v5.1
- **AWS Training and Certification** : Accomplished Corporate Training in AWS Cloud Practitioner Essentials

WORK EXPERIENCE

Tech Mahindra - Toronto- ON

June 2021 – Till date.

Sr Test Engineer

Projects:

Bell Canada (Bell Media Digital Poduction : Crave Expansion/Crave/CTV/Noovo, Sakura Project- TSN 5G View/ Mobile Testing)

Scotiabank (Capital Markets/Wealth Digital Transformation: Scotia Online Banking/Scotia iTrade /Active Trader Platform)

Key Responsibilities :

- Developing and maintaining automated test scripts using Selenium and TestNG, reducing manual testing effort by 50%.
- Creating and executing test cases and test scripts for Functional, Regression and Performance Testing.
- Collaborated with product owners and developers to define acceptance criteria and test requirements for new features.
- Designed and implemented BDD framework testing strategies.
- Improving test coverage and efficiency by incorporating parallel test execution and optimising test scripts
- Executed API testing using Postman and REST Assured, ensuring robust backend functionality.
- Maintained API Test Automation scripts in Postman and ensured all the functionalities working as expected.
- Designed and implemented an automated testing framework using Java and Selenium WebDriver, enhancing test coverage and reliability.
- Conducted manual testing for complex scenarios, ensuring comprehensive coverage and high-quality releases.
- Created and managed test data for various testing environments, including API, UAT, and performance testing.
- Integrated automated tests into the CI/CD pipeline using Jenkins, ensuring continuous testing and early bug detection.
- Wrote and maintained SQL scripts for database validation and testing.

Mobile Application Development

Projects – Centennial College Progress Ave

November 2023 - May 2024

Developed Clinical Management System Mobile App using Flutter.

Developed Weather Mobile Application using Swift.

Developed Body Mass Index Calculator Mobile application using Flutter.

- Project Planning: Define project scope, timeline, and milestones.
- UI/UX Design: Developed an intuitive and user-friendly interface for health care providers.
- Database Integration: Implemented secure database solutions for storing patient records.
- API Development: Create REST API services for data retrieval and management.
- Data Security: Ensured data encryption and compliance with healthcare data protection regulations.
- User Authentication: Implemented secure login and role-based access control.
- Testing: Performed unit, integration, and user acceptance testing to ensure functionality and security.
- Deployment and Maintenance: Deployed the app and provide ongoing support and updates.

Synergy Tech- Toronto, ON

May 2019 – June 2021.

Sr. Automation Tester

Key Responsibilities :

- Analyzed business requirements and identified test scenarios/test objectives.
- Created and executed 70% Manual, 30% Automated test cases and test scripts for both functional/non-functional requirements.
- Created test scenarios, generating test data, grouping test cases based on test category and ensuring complete test coverage.
- Developed Test Scripts and analyzing test results in various stages of application including Integration, Regression and Functional Testing.
- Created Page Object Model with Page Factory framework from scratch with Test Design strategies.
- Creating Page classes for object repository and Test Java files for Test Scripts.
- Maintained and implemented and improving Framework documentation, testing processes according to the company standards.
- Developed reusability functions and function libraries for different modules and components for multiple projects execute / debug and maintain complex test cases.
- Generated reports on daily basis, test execution report, bug reports , debugging and attended review meetings.

MONT IT Consulting Firm - Brampton, ON

Jan 2016 - Apr 2019.

QA Analyst

Key Responsibilities :

- Created test plans, test cases, and implemented automation, fault analysis, performance, stability, and regressions testing.
- Implemented and developed user experience, interactions, turned client's vision into complete digital reality.
- Consulted with clients to improve software product quality and ensure that software meets specific needs.
- Performed test cases according to design specifications to ensure product functionality and business needs are correctly interpreted.
- Developed, test, and modify product GUI interfaces to simplify user experience while meeting product needs and specifications.
- Created/Designed Automation Test Frameworks by Selenium Web-driver with Java.
- Designed steps, integration processes and testing procedures relating to each product developed.
- Worked with all the stakeholders to define and execute the RPA programs and manage change issues together with my team.
- Analyzed and developed logic to provide access to data in a new vendor supplied DB schema and structure.
- Created SQL scripts and stored procedure to gather required accounting data, prepare and format it for new application reports.
- Developed data APIs for client to integrate with older system enabling them to reach historical data in new system.

HSBC Software Development Pvt. Ltd, Hyderabad, India.

May 2013 - Nov 2015.

Software Tester

Key Responsibilities:

- Analyzed requirements, creating source code by implementing analytical thinking with time management and teamwork.
- Designed ,developed and implementing programs and applications by providing innovative solutions to numerous issues.
- Provided code maintenance, system upgrades to maximize performance and improving existing software.
- Implemented programming methodologies and best practices and strengthening quality and functionality of business-critical applications.
- Implemented innovative solutions, and documenting resolutions for inclusion in knowledge base for support team use.

WORK PERMIT

- Canadian Citizen.