

Ashwin Adhikari

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Education Details:

Bachelor in Computer Science and Information Technology, Tribhuvan University 2023

Summary:

- Hands-on expertise in **automation testing** using **Selenium WebDriver**, **API testing** with **Postman**, and **unit testing** with **Jest**.
- Proficient in writing and executing **test cases**, **test plans**, and **automated test scripts** to ensure software quality and reliability.
- Proven track record in developing scalable, secure applications and ensuring software quality through both manual and automated testing.
- Adept at performing **API testing**, **unit testing**, and **regression testing** across web applications, while contributing to Agile development teams.
- Hands-on experience with **JIRA** for tracking and managing defects throughout the development lifecycle.
- Adept at collaborating with cross-functional teams in **Agile** environments to achieve project goals and deliver client success.

Technical Skills:

Languages	TypeScript, C#
Frameworks	.NET, Angular, React, Node.js
Web Services	Azure
Web Technologies	HTML5, CSS3, JavaScript, Angular 13
Methodologies	MVC framework, Agile/SCRUM
Version Controls	GIT
Operating Systems	Windows, Unix/Linux
RDMS	MySQL, SQL, MongoDB, CosmosDB
Test Management Tools	JIRA, Jenkins
Automation Testing	Selenium WebDriver, NUnit, Jest
API Testing Tools	Postman, RESTful APIs

Professional Experience:

Cerotid Inc. , Irving, TX May 2024 – Present

Role: Quality Assurance Intern

Responsibilities:

- Developed and executed automated test scripts using **Selenium WebDriver** and **Nunit** for **C#** to ensure the quality and reliability of web applications.
- Performed API testing using **Postman** to validate endpoints, ensuring data accuracy and proper server-client communication.
- Created and maintained automated test cases using **Jest** for **TypeScript** unit testing, improving test coverage and identifying bugs early in the development process.

- Participated in **Agile** sprint cycles, collaborating with developers and product managers to define acceptance criteria and ensure that features met functional requirements.
- Conducted **API testing** using **Postman** to validate **RESTful** services and ensure reliable back-end communication.
- Created and executed **test cases, test plans, and test scenarios** based on functional and technical specifications to ensure full coverage of requirements.
- Documented, tracked, and resolved software defects using **JIRA**, coordinating closely with development teams to resolve issues promptly.
- Performed **manual testing** to identify functional and usability defects, ensuring alignment with client requirements and maintaining high-quality standards.
- Assisted in continuous integration and **continuous deployment (CI/CD)** pipelines by integrating automated testing tools into Jenkins for regular and regression testing.
- Conducted manual exploratory testing to identify potential edge cases and areas not covered by automated tests.
- Collaborated in an **Agile/Scrum** environment, actively participating in sprint planning, stand-ups, and retrospectives to deliver key functionalities on time.
- Conducted manual and exploratory testing to discover edge cases and issues not covered by automated tests.

Environment: Selenium Webdriver, Agile/Scrum, CI/CD, Jest, Postman, API testing, TypeScript, JIRA, RESTful services.

Certifications:

SDET C#: Test Automation From Scratch