

Chandan Hazuri Biswal *Software Engineer*

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📍 Cavisson System Inc , Noida,Uttar pradesh

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Profile

Cavisson System || Automation Test Engineer || Quality Assurance

Cavisson Systems, Noida, Uttar Pradesh

Results-driven Software Engineer with **2 years** of experience in **Manual and Automation Testing** within a **product-based environment**. Skilled in designing and executing test automation strategies, debugging, and defect tracking. Proven expertise in improving software quality, reducing manual effort, and ensuring high-quality releases. Committed to delivering innovative solutions and ensuring optimal product functionality. Seeking opportunities to apply my skills in dynamic and challenging environments

Professional Experience

Noida, Uttar pradesh

Automation & Manual Test Engineer

Cavisson Systems inc.

- Hands-on experience with **Cavisson Monitoring products**, performing **exploratory testing** to identify potential issues.
- Automated test scenarios for **Cavisson Monitoring products** and conducted **exploratory testing** to enhance software quality.
- Spearheaded the development and execution of a **test automation strategy**, reducing manual effort by 50% and enhancing efficiency.
- Designed and optimized **automated and manual test cases** to ensure comprehensive testing and maximize software quality.
- Debugged issues and identified **root causes** by analyzing **configuration files and logs**, ensuring efficient problem resolution.
- Documented test cases and maintained defect logs using Bugzilla
- Gained comprehensive knowledge of company tools and processes through extensive training.

Skills

Java || SQL || Selenium || Automation Testing || TestNG || Maven || BDD || Cucumber || DataBase || Linux || Jira || API || Postman || Rest Assured|| Software Testing Life Cycle || UAT Testing || Agile & Scrum Methodology || Manual Testing || Bugzilla || Test Case Design & Execution || Defect Analysis & Debugging

Projects

Application Performance Monitoring:

Role: Automation Test Engineer Domain: Performance Monitoring & Application Performance Management (APM) Technologies & Tools: Selenium, NetAutomator WebDriver, Shell Scripting, Linux (Ubuntu), TCPdump, REST Assured, Postman, Cavisson Agent4

- Automated **UI testing** for **Cavisson Monitor** using frameworks such as **Selenium** and **NetAutomator WebDriver**, enabling efficient **cross-platform and cross-browser testing** for applications, web, and monitoring UIs.
- Performed **Linux server deployment, configuration, and maintenance** across distributions like **Ubuntu**, optimizing **system performance and scalability**.
- Utilized **TCPdump analysis** to troubleshoot **network errors and data flow issues**, ensuring smooth **data transmission** and uninterrupted **monitoring capabilities**.
- Conducted **in-depth defect analysis** and tracked issues to resolution by collaborating with the **development team**, ensuring timely delivery of **high-quality software**.

- Designed and executed **detailed test cases** for **critical workflows**, improving **test coverage**.
- Developed and implemented **automation scripts** to validate **RESTful APIs**, ensuring seamless **integration, functionality, and response validation**.
- Performed **API testing** using tools like **Postman** and **REST Assured**, verifying **status codes, response payloads, authentication mechanisms, and error handling**.
- Automated **API regression tests** to ensure backward compatibility and stability across multiple releases.
- Collaborated with **cross-functional teams** to define and refine **test strategies**, improve **API quality**, and enhance overall **product reliability**.

Netstorm: Load Testing Tool for Performance Testing

Technology Stack: Performance Testing, Selenium, Java, TestNG, Maven, Apache POI, POM, Log4j, Extent Report, Bugzilla, TestLink, Postman

- **Automated all features of Netstorm**, a load testing tool for performance testing, using **Selenium and Java**.
- Implemented **TestNG** for test management and **Maven** for build automation.
- Designed the automation framework using **Page Object Model (POM)** for better scalability and maintainability.
- Utilized Apache **POI for data-driven testing**, enabling interaction with Excel files.
- Integrated **Log4j for logging and Extent Report** for detailed test execution reports.
- Used **Bugzilla** for defect tracking and **TestLink** for test case management, ensuring efficient test planning and reporting.
- Conducted manual testing and **API testing** using **Postman**, ensuring that all aspects of Netstorm functioned as expected.
- Overcame the challenges of automating a resource-intensive load testing tool, improving testing efficiency by over 60%.
- Delivered accurate performance reports to identify and resolve system bottlenecks, optimizing performance

Education

2021 – 2023 Bhubaneswar Odisha	Master in Computer Application <i>Gandhi Institute For Technology</i> 8.2 CGPA
2017 – 2020 Jajpur Odisha	Bachelor in Science <i>Chitalo Degree Mohavidyalaya</i> 7.00 CGPA
2015 – 2017 Jajpur Odisha	InterMediate <i>Chitalo Mohavidyalaya</i> 6.00 CGPA

Languages

English, Hindi

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Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief. I take full responsibility for the accuracy of the details mentioned.

Chandan hazuri Biswal