

## Contact

Kampala, Uganda  
+256705870892 (Mobile)  
jurencenon@gmail.com

[www.linkedin.com/in/jurence](http://www.linkedin.com/in/jurence)  
(LinkedIn)  
[jurence.github.io](http://jurence.github.io) (Portfolio)

## Top Skills

Communication  
k6 Load Testing  
Database Testing

## Languages

Luganda (Full Professional)  
French (Elementary)  
English (Native or Bilingual)  
Luo (Full Professional)

## Certifications

Software Quality Assurance  
NDG Linux Unhatched  
CompTIA Network+  
Introduction to Programming Using  
HTML and CSS  
Cisco Certified Network Associate  
Security (CCNA)

## Honors-Awards

National Chess Competitions 3rd  
Runner Up  
Python Challenge First Runner Up  
Bug Hunting

## Publications

Autonomous Parallel Self Navigating  
Drone  
The Game Of Intrusion  
Significance of Machine Learning in  
Cyber Security

## Patents

# Enon Deogracious Jurence

Full Stack QA Engineer  
Kampala, Central Region, Uganda

## Summary

Enon Deogracious Jurence is an accomplished and passionate Software Quality Assurance and Automation Engineer with four years of experience thriving in a fast-paced Agile development environment and the SDLC. With exceptional time management skills, he consistently delivers high-quality and consistent results. As a proactive team player, he pays meticulous attention to detail, values communication and is driven by achieving outstanding outcomes.

Enon excels in reviewing software design requirements and providing valuable feedback before and after implementation, effectively identifying and resolving issues with pre- and post-release software. He possesses excellent and concise communication skills in English, enabling him to effectively articulate complex ideas and foster clear understanding. Enon's enthusiasm for learning new technologies is evident, and he enjoys putting his knowledge into practice.

Collaboration is one of Enon's strengths, as demonstrated by his successful partnerships with Development and Product Management teams, working together towards shared goals.

## Key Skills and Technologies:

- Platforms: Proficient in Windows, Mac, Android, and Linux.
- Automation: Skilled in utilising CodeceptJS, WebdriverIO, Playwright, and Cypress for automation tasks.
- Databases: SQL, Postgres
- Load Testing: k6
- Languages: Experienced in working with Typescript, Javascript and Python.
- Mobile Testing: Proficient in using GenyMotion, Android Debug Bridge and Appium.

- Test Reporting: Familiar with Allure, and Monocart for comprehensive test reporting.
- API Testing: Proficient in utilising BurpSuite and Postman.
- Continuous Integration: Experienced in working with CircleCi, Drone for seamless integration.
- Bug Tracking: Proficient in Jira, Bugzilla, Jam and Trello for efficient bug tracking.
- Version Control: GitHub
- Other: Familiar with Cucumber and JMeter for additional testing capabilities.

Enon's GitHub profile, showcasing his projects and contributions, can be found here: <https://github.com/Jurence>

TryHackMe: Jurence

For further inquiries or opportunities, please reach out to Enon at [jurencenon@gmail.com](mailto:jurencenon@gmail.com).

---

## Experience

Deel

Software QA Engineer

August 2022 - Present (1 year 10 months)

California, United States

- Developed a suite of automated tests using Playwright and Selenium, which improved test execution speed by 60% and expanded coverage, enhancing the overall software reliability and reducing manual testing workload.
- Actively engaged in all phases of agile development, ensuring that quality assurance was integral from the initial design to final release, which minimized costly late-stage corrections and fostered a culture of quality.
- Spearheaded initiatives to refine QA processes, leading to a 33% reduction in cycle times and a 27% improvement in bug detection efficiency, thereby driving significant enhancements in team productivity and product quality.
- Contributed to the recruitment and selection of new QA team members, ensuring the team was well-equipped with skilled individuals who could uphold and drive the organization's standards for quality.

- Monitored and communicated vital quality metrics to stakeholders, providing transparency and enabling data-driven decisions that substantially improved product quality and testing strategies.
- Evaluate and select testing tools and vendors, considering factors like scalability, integration capabilities, and cost-effectiveness to support robust testing strategies and organizational growth.
- Executed detailed manual and exploratory testing sessions that identified elusive bugs, significantly enhancing product stability and providing critical insights that informed further automation strategies.
- Systematically documented and tracked issues, which optimized the problem-resolution workflow and reduced the average time to resolve defects by 21% for the next iterations.
- Utilized Datadog to continuously track and benchmark the performance of new releases against established KPIs and historical data.
- Used Pgweb's intuitive interface to quickly test and optimize SQL queries. This allowed to identify and resolve potential bottlenecks in database operations.

## Ergeon

### QA Engineer

November 2021 - Present (2 years 7 months)

Palo Alto, California, United States

- Actively mentored junior QA team members, enhancing their technical skills and fostering a team-oriented environment focused on high-quality outcomes.
- Played a crucial role in streamlining development processes by providing insightful and actionable feedback on specifications and design documents, reducing rework and accelerating product releases.
- Developed and executed comprehensive CodeceptJS automated testing strategies, which reduced testing time by 40% and increased bug detection rates, directly contributing to the reliability of our software products.
- Built a seamless authentication via API to reduce UI interactions within automation and focus on more feasible functionalities of the application.
- Employed k6 for performance testing and streamlined acceptance testing processes, enhancing performance benchmarks and user acceptance rates.
- Implemented CI/CD pipelines that improved deployment frequency and stability of the build environment.
- Implemented an e2e test report integration and notification that reduced test report retrieval time, promoting ease of access for technical and non-technical parties involved.

- Led security testing efforts, ensuring robust functionality of all system components and external interfaces in accordance with ISO standards
- Designed detailed test plans and cases that covered all use cases and potential edge cases, which improved test coverage by 30% and significantly reduced the risk of post-release bugs.
- Set up, expanded and optimised the automation framework to support additional test cases and platforms, increasing test automation coverage and enabling more consistent and reliable testing results.
- Integrated robust QA practices into agile workflows, ensuring that quality assurance was a continuous and integral part of development, thus reducing the cycle time for feature deployment and enhancing product stability.

## SafeBoda

### Software Quality Assurance and Test Automation Engineer

June 2019 - May 2021 (2 years)

Kampala, Central Region, Uganda

- Proactively identified potential risks in the testing processes and implemented mitigation strategies, significantly reducing the likelihood of critical issues during production, thereby maintaining the integrity and reliability of the deployment pipeline.
- Executed comprehensive performance testing and analysis, identifying critical performance bottlenecks. The findings led to targeted optimizations that enhanced system responsiveness and scalability under peak loads, greatly improving user satisfaction.
- Performed manual testing specifically for OTP verification processes on virtual devices, identifying scenarios where automation could not replicate user interactions. This led to the refinement of test automation strategies and enhanced the security and reliability of the authentication mechanisms.
- Leveraged Selenium and Python, employing the Page Object Model to create maintainable and reusable test scripts.
- Executed a broad range of functional and non-functional tests, ensuring the software met all specified requirements and robustness standards.
- Test Management and Manual Testing performed in order to determine what automation failed to achieve especially in accordance to OTP verification on virtual devices
- Perform Functional Testing and Non-Functional Testing

## Freelancer.com

### Manual QA Tester

July 2018 - April 2020 (1 year 10 months)

- Delivered clear and actionable test reports that outlined key findings from performance testing, aiding in rapid iteration and enhancements, which bolstered system robustness and user confidence.
- Implemented a metrics-driven approach to track and report on key quality indicators, which provided quantifiable data to assess the effectiveness of the testing process and drove continuous improvement in test strategies.
- Designed strategic test approaches that aligned with overarching project objectives, ensuring that all testing efforts directly contributed to project deliverables and strategic business outcomes.
- Developed and executed well-defined test plans that optimized resource use and maximized test coverage, leading to improved product quality and faster time-to-market.
- Managed the complete defect lifecycle from identification to resolution, ensuring timely feedback and updates to all stakeholders, which improved the overall quality control process and reduced the time-to-resolution for critical defects.
- Crafted test cases and comprehensive test plans that served as a blueprint for achieving thorough coverage and consistent testing outcomes, leading to a decrease in missed defects and an increase in product quality.
- Efficient bug tracking and reporting, improving bug resolution times by 25% and enhancing the transparency of QA processes, which facilitated quicker decision-making and prioritization.

## HackHouse.net

### Blue Teamer

October 2018 - October 2019 (1 year 1 month)

United States

- Development of high-quality, engaging content that significantly enhanced user engagement and retention.
- Design and implementation of innovative web solutions that enhanced user experience and accessibility. My contributions in web development resulted in a 40% improvement in site traffic and a 50% increase in customer satisfaction scores
- Provided mentorship to junior team members, enhancing their professional skills and confidence.

## TEHTRIS

### Cyber Security Intern

March 2019 - July 2019 (5 months)

Stockholm County, Sweden

- Developed Python scripts to automate routine and time-consuming security tasks, such as log analysis and alert generation. This automation not only increased operational efficiency but also allowed the cybersecurity team to focus on more complex threat analysis and response strategies.
- Systematically presented detailed findings from security assessments to relevant stakeholders, along with actionable remediation strategies. These presentations ensured that vulnerabilities were understood and addressed promptly, significantly reducing the window of exposure to cyber attacks.
- Documented all security findings, analyses, and recommendations for enhancements in comprehensive reports. These documents served as a foundational element for continuous improvement in security strategies and were instrumental in planning future security initiatives.

---

## Education

### University of Canberra

Bachelor's degree, Computer Systems Networking and Cyber Security · (January 2016 - February 2019)

### University of Maryland

Master of Computer Applications - MCA, Computer Science