Madhumini Kodithuwakku

Associate Quality Assurance Engineer | Software Quality Assurance

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🌐 Portfolio | 🔗 LinkedIn | 📝 Medium | 💻 GitHub

Aspiring Associate Quality Assurance Engineer with a strong software engineering foundation and hands-on test case writing experience. Eager to expand skills in manual and automation testing, defect tracking, and QA best practices to deliver high-quality results.

EDUCATION

BSc (Hons) in Computing and Information Systems	**Current GPA: 3.55/4.0**
Sabaragamuwa University of Sri Lanka	*October 2020 – April 2025*
Advanced Level in Physical Sciences Stream	**Results: 1A and 2C's**
H/Tangalle Girls' School	*2018*

WORK EXPERIENCE

Intern Software Engineer	*January 2024 - July 2024*
Sri Lanka Telecom, Colombo, Sri Lanka	📜 Certificate of Excellence

Optimized the Park'N Pay Solution, improving performance and user experience, while testing legacy and upgraded versions. Led OCR analysis, conducted UI/UX and functionality testing, ensuring timely delivery and cross-functional collaboration.

PROJECTS

Courseify 🔗

Tools and Technologies: React, Node.js, MongoDB, Postman, JavaScript, Bootstrap

- Focused on Testing and Verification of functions, ensuring seamless user experience, bug-free functionality, manual testing, validated UI components.

Wellness Buddy 🔗

Tools and Technologies: React.js, Node.js, MongoDB, JWT Authentication, Selenium

- Conducted manual, UI, and cross-browser testing, validated JWT authentication, and documented defects for high-quality standards.

Three-Level Password Authentication System 🔗

Tools and Technologies: PHP, JavaScript, Bootstrap, CSS3, HTML, Postman

- Focused on testing the authentication functions, including usability and security and used manual testing for usability assessments.

CERTIFICATIONS

- Software Testing - *Great Learning Certificate* 🔗
- Introduction to Automation Testing - *Great Learning Certificate* 🔗
- Azure AI Fundamentals - *Microsoft Certificate* 🔗
- Machine Learning Course - *Simplilearn Certificate* 🔗
- Python for Beginners - *University of Moratuwa Certificate* 🔗
- DevOps using Azure DevOps & Docker - *Udemy Certificate* 🔗
- Python for Data Science - *IBM Certificate* 🔗
- Introduction to Cybersecurity - *Cisco Certificate* 🔗

ACHIEVEMENTS

- Applied Data Science and AI Symposium 2025 - *Research Publication* 🔗
- Code with WIE 2021 - *2nd Runners up* 🔗
- Hackaholics V5.0 2023 - *Top 10 Finalists* 🔗
- MadHack 2021 - *Top 10 Finalists* 🔗
- IEEEXtreme 15.0 2021 - *Participation* 🔗
- Idealize 2022 - *Semi Finalists* 🔗
- FOSSASIA Cloud Skills Challenge 2022 - *Winner* 🔗

TECHNICAL SKILLS

Testing:
- Junit
- Selenium
- Manual Testing
- UI Testing

Languages and Frameworks:
- Java
- JavaScript
- ReactJS
- NodeJS

Databases:
- MySQL
- MongoDB

Tools:
- Postman
- Jira
- Git

SOFT SKILLS

- Communication
- Collaboration
- Leadership
- Problem-Solving
- Adaptability
- Flexibility

VOLUNTEERING

Event Coordinator: *IEEE WIE Student Branch Affinity Group of SUSL | Aug 2023 - Sep 2024*

Vice Secretary: *Society of Computer Sciences | May 2022 - May 2023*

REFERENCES

Prof. S Vasanthapriyan
Dean, Faculty of Computing, Sabaragamuwa University of Sri Lanka
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