

# Kumuthu Vinsura

QUALITY ASSURANCE ENGINEER (ISTQB® CERTIFIED)

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## Personal Statement

As a ISTQB® certified Quality Assurance Engineer with strong foundation in software testing principles I aim to level up my career through extensive personal and professional development. With experience in testing methodologies and techniques, along with proven records of problem-solving, I am confident in my ability to make a valuable contribution wherever I choose to work. As a team player with excellent communication skills, I am excited to collaborate with cross-functional teams and deliver high-quality software solutions.

## Work Experience

### The A.I. Team (Private) Limited

Angoda, Sri Lanka

Quality Assurance Engineer

Dec 2023 - Mar 2024

- Drove quality assurance initiatives for a diverse range of projects, ensuring seamless collaboration with cross-functional teams:
  - Atticus.io:** I spearheaded the enhancement of testing protocols for Atticus.io's key features developed by the AI Team, a platform trusted by over 15,000 authors for book authoring. My meticulous strategy significantly improved feature acceptance rates, underscoring my ability to drive project success and ensure the delivery of robust, user-centric software solutions.
  - Lynn.chat:** I led quality assurance for Lynn, an AI-Powered Support Assistant, with rigorous testing protocols that significantly reduced post-launch issues, improving user experience and reliability. My contributions were:
    - Supported the development of payment features within Lynn by aiding in solution implementation of payment proceedings within Lynn by leveraging Stripe's capabilities.
    - Documented implementation processes and findings meticulously, ensuring clear understanding and future reference for the development team.This proactive approaches enhanced the reliability of the product and security of payment transactions, contributing to a seamless user experience.
  - Wellro Wellness:** Led quality assurance strategies for Wellro Wellness, a telemedicine solution, ensuring smooth integration and functionality across multiple platforms.
    - Resolved a persistent bug within the payment solution on the mobile platform, significantly enhancing the overall user experience and client satisfaction.
    - Additionally, provided level 2 support to users, addressing their concerns promptly and effectively.
    - Leveraging software engineering skills, contributed to the implementation of key features within the project.
  - Are You Ready:** I provided critical quality assurance support for "Are You Ready," a bespoke virtual career fair platform designed for organizations hosting career fairs. My key contributions included:
    - Testing and verifying complex algorithms that built for interview matchings to ensure they effectively reduced interviewing efforts, thereby streamlining the recruitment process and aligning platform features with organizational needs accurately.
    - Assisting in refining the platform for seamless performance and reliability during lockdowns, facilitating uninterrupted career fair execution in virtually in challenging circumstances like lockdowns.This approach resulted in a significant in organizational efforts, underscoring the platform's effectiveness.Leveraged leadership and attention to detail to uphold quality standards throughout the software development life-cycle, significantly enhancing product reliability and user satisfaction.
- Technical Skills:** Cypress, Jest, Jira, Zephyr, Angular, Flutter, Scripting, Git.
- Soft Skills:** Teamwork, time management, communication, presentation skills, documentation skills.

### The A.I. Team (Private) Limited

Angoda, Sri Lanka

Full Time - Intern Quality Assurance Engineer

Jun 2023 - Dec 2023

### The A.I. Team (Private) Limited

Angoda, Sri Lanka

Part Time - Intern Quality Assurance Engineer

Sep 2022 - Jun 2023

### Buost Asia (Private) Limited

Nugegoda, Sri Lanka

Project Based - Web Developer

Jun 2021 - Sep 2022

## Skills

<b>Quality Assurance</b>	Expertise in manual test case writing, test planning, and working knowledge in test automation.
<b>Programming Languages</b>	Java, JavaScript, Typescript and Basic knowledge in Dart and C++
<b>API/Test Automation Tools</b>	Postman, Cypress and Jest and Basic knowledge in Cucumber, Selenium and JMeter
<b>Databases</b>	NoSQL, Working knowledge in MySQL
<b>Tools</b>	Skilled in using Git, Jira, Firebase, BigQuery, VSCode and JetBrains IDEs (IntelliJ IDEA / WebStorm)
<b>Documentation</b>	Proficient in accurately documenting testing processes, features, findings, and recommendations.
<b>Miscellaneous</b>	Web design and development, graphic design, SEO, competitive programming and problem solving

# Languages

**English** Professional proficiency  
**Sinhala** Native proficiency

# Education

**General Sir John Kotelawala Defence University** *Ratmalana, Sri Lanka*  
Undegraduate (BSc (Hons) in Computer Engineering) *Feb 2020 - Dec 2023*  
• Currently holding a cumulative GPA of 3.2 and entered the Dean’s List in the year 2020.

# Projects

**Wave - A Call Centre and Symptoms Data Gathering Application for Covid-19** *Ratmalana, Sri Lanka*  
SLMA & Medical Faculty of University of Colombo *Apr 2022 - Jun 2022*  
• I played a crucial role in overcoming the SLMA’s struggle to manage the high volume of calls concerning Covid-19 symptoms. By developing an effective solution within the Wave application, we significantly decreased call volumes and improved decision-making reliability.  
• **Technical Skills:** Quality Assurance, PWA, VueJS, IndexedDB and NodeJS.  
• **Soft Skills:** Time management, teamwork, pitching skills, report writing.

**UxVote - Blockchain Based E-voting System** *Ratmalana, Sri Lanka*  
General Sir John Kotelawala Defence University *Feb 2021 - Oct 2021*  
• Addressed critical data storage and verification challenges in the e-voting system, ensuring voting process integrity and security of it.  
• **Technical Skills:** Solidity, ReactJS and NodeJS.  
• **Soft Skills:** Leadership, time management, teamwork, presentation skills, report writing.

**EUCEBRAB - Wearable Device that Aid in Smoking Cessation** *Ratmalana, Sri Lanka*  
General Sir John Kotelawala Defence University *Mar 2023 - Dec 2023*  
• Played a pivotal role in devising the Minimum Viable Product (MVP) for identifying smoking cessation using data processing and state machines. Leveraged gesture analysis and heart rate monitoring to make decisions based on monitored heart rate levels.  
• **Technical Skills:** Pandas, VanillaJs, NodeJS, BigQuery and NodeJS.

# Publications

CONFERENCE PROCEEDINGS  
EUCEBRAB – Effective Identification and Cessation of Tobacco Consumption using Gesture Analysis  
BAK Vinsura, RM Aratchige, B Hettige  
*International Research Conference of General Sir John Kotelawala Defence University (KDU IRC 2023), 2023, Ratamalana, Sri Lanka*  
UxVote – Blockchain-Based E-Voting System for Secure Electronic Voting  
BAK Vinsura, RMVD Bandara, B Hettige, ADAI Gunasekara, GAI Uwanthika  
*International Research Conference of General Sir John Kotelawala Defence University (KDU IRC 2022), 2022, Ratamalana, Sri Lanka*

# Achievements

2020 **IEEE Innovation Nation Sri Lanka (INSL) - Pre Accelerator**, Finalist *Sri Lanka*  
2020 **Eve of Accolades**, Distinction Award for the Best Performer of the Year | United Nations Study Circle of RCG *Sri Lanka*

# Volunteering Experience

**IEEE Young Professionals (Global)** *New Jersey, United States*  
IEEE Young Professionals Global Leadership *Feb 2024 - Present*  
• Webmaster - IEEE Young Professionals Global Web Team  
Other than that, I have held leadership roles in both national/section-level and university-level organizations, including IEEE and BCS.

# References

- Mr. Pasindu Wijesena  
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