Binuri Nimthera

Quality Assurance Engineer- Intern

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⌨ Nimbinu 🔗 Portfolio ▣ Blog

Profile

Dedicated IT undergraduate passionate about software quality assurance. Focused on ensuring reliable, high-quality, and user-friendly software solutions.

Education

BSc (Hons) in Computing and Information Systems - Current GPA 3.26   **2023 - Present**
Sabaragamuwa University of Sri Lanka

G.C.E Advance Level Physical Science Stream - 2B, 1C   **2018 - 2021**
Embilipitiya President College

Projects

EduBridge-Parent - Teacher Relationship Management System (Ongoing) ⎘
MongoDB | Express.js | React.js | Node.js | WhatsApp Business API | HTML | CSS | JavaScript
Developed a web-based platform with WhatsApp integration to improve parent–teacher communication. Enabled real-time access to grades, attendance, and announcements with PDF reports.

StockGuard – Real-Time Stock Monitoring & Replenishment System(Group Project) ⎘
ESP8266 NodeMCU | Load Cell | Hx711 Amplifier | Firebase | Arduino IDE | Visual Studio Code
Developed *StockGuard*, an IoT-powered system for real-time stock monitoring and automated replenishment, integrating sensors with a web platform and Firebase to trigger restocking alerts, improve inventory accuracy, and support data-driven retail decision-making.

E-Satahan-Online Note Sharing System (Group Project) ⎘
HTML | CSS | JavaScript | PHP | MySQL
Developed a web-based Online Note Sharing System enabling students to upload, share, and access academic notes with authentication, responsive UI, and real-time usability for an improved learning experience.

Core Skills

- Technologies: Programming Skills (Java, C, Java Scripts, HTML, CSS, Bootstrap, PHP), Frameworks (TestNG, Espresso, Junit)
- Databases: MySQL, Firebase
- Version Control: GIT
- Programming Concept: UML Diagrams, Process modeling, Mapping, Data Structures, Relational Database
- Others: Selenium, Appium, R
- Soft Skills: Analytical skills, Critical thinking, Content writing, Leadership, Oral and Written Communication, Team work

Awards

Semi-Finalist - HackX 9.0   **July 2024** ⎘
University of Kelaniya

INSL 2024 Sabaragamuwa Province - Finalist | Top 10 team   **November 2024** ⎘
IEEE Innovation Nation Sri Lanka

Certificates

ISTQB Certified Tester Foundation Level (CTFL; Core) v4.0(Ongoing)
SL Software Testing Board (SLSTB)

Introduction to JIRA ⊡
Simplilearn

Web Design for Beginners ⊡
University of Moratuwa

Master Data Modeling and Database Development ⊡
Udemy

Introduction to Selenium ⊡
Simplilearn

Introduction to Software Quality Assurance ⊡
University of Moratuwa

Foundations of Project Management ⊡
University of Moratuwa

Data Analytics for Project Management ⊡
Udemy

Agile Manual and Automation Testing ⊡
Techcanvass

Introduction to Software Testing ⊡
Simplilearn

IT Essentials ⊡
Cisco

The Complete ReactJs Course For Beginners ⊡
Udemy

Volunteer Experiences

Content Creation Team Volunteer
IEEE Student Branch, Sabaragamuwa University of Sri Lanka.

Knowledge Team Member
HOPE 2.0 , organized by the IEEE Student Branch of Sabaragamuwa University of Sri Lanka

Secretary Team Member
SabraXtreme 3.0 − IEEEXtreme 19.0, organized by the IEEE Student Branch of Sabaragamuwa University of Sri Lanka.

Team Member
STEMUP Educational Foundation

Secretary Team Member
IEEE Day Celebration 2025, organized by the IEEE Student Branch of Sabaragamuwa University of Sri Lanka.

Content Team Member
STEMUP AI

Languages

English(Fluent)

Sinhala (Fluent)

References

Mrs. Hiruni Senevirathne, *Senior Software Engineer*, Sysco LABS Technologies (Pvt) Ltd.
Hiruni.Senevirathne@sysco.com, +94 71 205 2959