

# AYODHYA RANATHUNGA

Quality Assurance Engineer



## PROFILE

I am a self-motivated, dedicated, and hardworking undergraduate with hands-on experience in QA testing, eager to learn and adapt to new technologies. Seeking a QA Engineer role to contribute to an organization while enhancing my skills in software testing and test automation.

## CONTACT



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[AyodhyaRanathunga](https://github.com/AyodhyaRanathunga)



Yakella, Bulathkohupitiya,  
kegalle.

## ACHIEVEMENTS



Winner – QE Hackathon (2025)

– Organized by Sysco LABS

## LANGUAGES

- Sinhala
- English

## EDUCATION

### B.Sc.(Hons) Information Technology

University of Moratuwa

2021-Present

### G.C.E Advanced Level Examination

Pinnawala Central College, Rabukkana

Biological Science Stream - 1A 2B's

2019

### G.C.E Ordinary Level Examination

Pinnawala Central College, Rabukkana

9 A's

2014

## EXPERIENCE

### June 2024 – October 2024 | QA Intern

#### Synergen Technology Labs

- Performed manual testing on mobile and web applications, ensuring high-quality deliverables.
- Conducted hardware device testing to ensure the functionality and reliability of embedded systems, collaborating with developers to identify and resolve issues.
- Identified and reported 50+ bugs, leading to 30% improvement in application stability.
- Created and executed 40+ test cases, enhancing test coverage.
- Collaborated with the development team using JIRA, resolving defects efficiently.

### February 2024 – May 2024 | QA Intern

#### Agrithmics (Pvt) Ltd

- Conducted manual testing on a .NET Core and ReactJS web application with an MS SQL database.
- Provided training sessions to customers on how to use the website effectively, ensuring smooth adoption of the system.
- Attended 3+ client meetings to gather and clarify software requirements and shared key details with the team.
- Created comprehensive test cases and bug reports, improving the development lifecycle.
- Collaborated with the development team using Azure Boards.

## PROJECTS

### AI-Driven Investment Planning and Stock Prediction System (Ongoing Research Project)

This project focuses on building a personalized investment planning system that analyzes user demographics and financial goals to provide life-stage-based investment advice. It also integrates a machine learning model to predict stock prices and assess market risk to support smarter financial decision-making.

EXPERTISE

- **Programming Languages**  
Java
- **Automation Tools**  
Selenium, Playwright,  
Postman
- **Database**  
MS SQL, MongoDB
- **IDEs**  
VS Code, IntelliJ IDEA
- **Project Management Tools**  
Jira, Azure board
- **Version Controlling** - Git

SOFT SKILLS

- Attention to details
- Problem solving
- Analytical thinking
- Collaboration & Communication
- Leadership skills

INTERESTS

- Reading
- Sculpting
- Watching movies
- Swimming

REFEREES

Mrs. Romeshika Wijesuriya  
Lecture - Faculty of Information  
Technology  
University of Moratuwa  
Contact - +94 71 98 82 759

Mr. Upendra Kumarage  
Technical Lead - Mad Mobile,  
Contact - +94779880766

Automation Testing & DevOps Project (using demo site)  
Technologies: Playwright, Cucumber, Git, Allure Report, CI/CD

- Automated functional test cases, including cart functionality, user authentication, and purchase workflows, to ensure application reliability.
- Developed and executed API tests with provided JAR files, verifying request and response handling.
- Utilized Git for version control.
- Generated test reports using Allure by integrating tests into Github actions based CI/CD pipeline.

School Management System With Zonal Coordination  
Level 2 Software project | Role: Full Stack Developer

- Developed a School Management System for Heaven'sCode (PVT) LTD where I undertook the development of the school leave management area.
- Used Angular for frontend development.
- Used Mongo DB for databases
- Spring Boot for backend.

Two-Factor Secured Entrance System For Office Premises With  
Data Logging | Role: Team Leader

Designed and developed a comprehensive system to efficiently monitor employee arrival and departure times within an organization, while simultaneously verifying individuals' authorization for premises access.

- C Language
- Hardware: LM35 temperature Sensor  
Atmega32 microcontroller

ADDITIONAL ACTIVITIES

- Member of IEEE Student Branch (2021-Present)  
University of Moratuwa.
- Senior Prefect of School Prefect Board (2011-2014)  
Pinnawala Central College
- Goal Defender at School Netball Team (2011-2014)  
Pinnawala Central College
- Member of School Western Music Band (2011-2014)  
Pinnawala Central College