



DENUWAN AVISHKA

Quality Assurance Engineer



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Moratuwa



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https://github.com/Denu1



https://denu1.netlify.app/

TECHNICAL SKILLS

Programming Languages

- Java
- C
- Python

Web Development

- Angular
- React
- Spring boot
- JavaScript
- TypeScript
- HTML
- CSS

Testing

- Junit, Mockito
- Serenity
- Cucumber

Database Management

- MySQL
- MS SQL Server

Project Management Tools

- Jira

Version Control System

- Git
- Stash

ABOUT ME

A responsible and motivated IT undergraduate, known for problem-solving skills, attention to detail, and a commitment to delivering high-quality software solutions. Furthermore, i am also passionate in AI, & ML field. I am actively seeking an opportunity as QA engineer to contribute to the IT industry, fueling my passion for growth and innovation.

EXPERIENCE

March 2024 - August 2024

Software Engineering Intern - Persistent Systems

Completed a 6-month full-time internship as a member of the PME team, focusing on backend development in a microservices project.

EDUCATION



University of Moratuwa
B.Sc.(Hons) in Information Technology
(2021-2025)
Current GPA - 3.45



Dharmasoka College - Ambalangoda (2010 - 2019)
G.C.E Advanced Level Examination - 2019
Physical Science
B B B | Z-score: 1.46

PROJECTS

1.Enhancing Open-Source Repository Management and Collaboration Through AI (Final Year Research Project | Ongoing)

This is my final year research project related to the field of software engineering. It explores how Artificial Intelligence can enhance open-source repository management and collaboration on platforms like GitHub. The project focuses on detecting spam issues in repositories, recommending suitable contributors for raised issues, and predicting build failures in build pipelines.

Applications & Tools

- Figma
- VS Code
- WebStorm
- IntelliJ IDEA

Other

- Gitlab
- Docker
- Proteus
- Blender

LANGUAGES

- Sinhala (native)
- English
- Tamil

NON-TECHNICAL SKILLS

- Team work
- Fast learning
- Leadership
- Communication skills
- Creativity
- Co-ordination

SPORTS

- Cricket
- Carrom
- Swimming

INTERESTS

- Network Engineering
- AI/ML
- Ethical Hacking

REFEREES

Mrs. Nipuni Chandimali
Lecturer,
Department of Information Technology,
Faculty of Information Technology,
University of Moratuwa,
| Email: nipunic@uom.lk
| Mobile: +94 71 079 2617

Mr. Chalitha Jayanath
Software Architect,
Persistent Systems,
| Email: chalitha_jayanath@persistent.com
| Mobile: +94 71 355 3992

The final output will be a GitHub app integrating with repositories to support maintainers in efficient collaboration.

- Role: Researcher | Developer
- Technologies: ML, NLP, Python, Github API, Github Apps

2.PME Project Persistent Systems

Worked on backend development and testing for multiple international telecom projects, including Telia Sweden, Finland, and Lithuania. Focused on bug fixing, implementing robust backend validations and creating unit tests and ensuring API reliability.

- Technologies - Java, Springboot, Junit, Mockito

3.Alloc@ Seat Allocation and Automatic Cost Allocation System | 2nd-year Software Project

This is a group project to develop a web application for a company with many branches, to online reserve resources like meeting rooms and cubicles. Uniquely this system is designed to calculate cost automatically according to the usage.

- Technologies - Angular, Spring boot and MySQL.
- Role – Fullstack developer

4.Serenity-BDD Testing Suite for UI and API

Worked on developing test suites for OrangeHRM site UIs and book store management APIs.

- Technologies - Serenity BDD, Cucumber, GitHub actions

5.Automated wire-cutting machine (1st-year hardware project)

This is also a group project to automatically cut the wires and strip wires according to the user given lengths. We have used Atmega 32 sensor and other sensors as hardware components

- Role: Developer | Designer
- Technologies: C Language, Atmel Studio, Proteus, Atmega32, Sensors

ACHIEVEMENTS AND PARTICIPATION

MoraXtreme 7.0 | 2022

- The sequel of the annual hackathon series

IDEALIZE | 2023

- Mobile APP and Web development hackathon

Triathlon | 2023

- Mobile App development hackathon by “Rootcode”

Participated for Maths

- Olympiad from 2012-2014