

# Madushika Ranapana

A highly motivated and energetic individual with a passion for excellence in Software Quality Assurance. Seeking a dynamic role to leverage my enthusiasm and drive, aiming to contribute to a challenging and innovative environment while continuously expanding my industry knowledge

## Work Experience

### Intern Software Engineer at Mobios Pvt Ltd Sep 2023

- During my internship, I have focused on API integration and frontend development using React JS. This specialization has empowered me to enhanced user interfaces and user experiences on various projects. Additionally, I've played a crucial role in maintaining coding standards through pull request reviews, ensuring code quality, scalability and maintainability. These experiences have greatly enriched my technical expertise and softskills in frontend web development.

Skills : ReactJS- MUI, Bootstrap, HTML5, CSS3, Github, Javascript, Java, MySQL, Postman, Trello, Visual Studio Code

### Teacher -Parttime Jan 2023 - Present

### Information Communication Technology Technician Mar 2020

- During my tenure, I have gained substantial experience in networking hardware and software, including hands-on expertise in configuring routers and switches. I have also become proficient in Microsoft Office, enhancing my productivity and documentation skills. Additionally, I have honed my abilities in Adobe Photoshop, creating and editing images efficiently, and in Visual Studio with C#, developing and debugging applications effectively. These skills have equipped me to handle a wide range of technical tasks and projects.

## Educational Background

### University of Kelaniya - Faculty of Science Sep 2021 -Present

Bsc (Hons) in Information Technology

- Specialization in Software Engineering, DevOps, DataScience.

### Natinal Apprentice and Industrial Training Authority Feb 19 - 20

- Information Communication Technology Technician

### Kegalu Balika Vidyalaya 2004 - 2017

- 2B's 1C for A/L's in Biological Science
- 8A's and 1B for O/L's in English Medium

## Projects

- Q & A System for A/L Students:** Developed a MERN stack (MongoDB, Express.js, React.js, Node.js) web application for Advanced Level students to ask and answer academic questions.

## Contact

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<https://github.com/madushikaranapana>

## Skills

### Soft Skills

- Problem solving
- Leadership
- Team work
- Creativity
- Time Management
- Presentation

### Tools/Software

- Git/Github
- Android Studio
- Visual Studio Code
- Jira Trello
- Postman
- Selenium
- Xampp
- JUnit/JMeter
- Jupyter
- .

### IT Skills

- Java
- JavaScript
- Python
- PHP
- MySQL
- C++
- MongoDB
- CSS
- HTML
- React JS
- API testing
- Test Automation
- Docker
- CI /CD
- Microservices
- Kubernetes
- AWS

### Languages

- English
- Sinhala

- Implemented user authentication, database management with MongoDB, and potentially encompassed functionalities like search, reputation systems, course following, or real-time updates, showcasing expertise in both front-end and back-end development Rigorously tested using unit, integration, and end-to-end tests with tools like TestNG, Selenium, and JMeter. Delivered a user-friendly system with positive user feedback, showcasing software development, project management, and QA skills.
- **E-commerce Website (Individual - JS, CSS, Ajax):** Developed a secure cake store website, emphasizing manual testing for user authentication, data integrity, and shopping cart functionality.
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- **Hotel Management System (Group - JS, CSS, PHP, MySQL):** Collaborated on a hotel management system, contributing to unit testing of features like room booking and integration testing for overall system cohesion.
- **Travel Guide App (Group - Android, Java):** Contributed to a mobile travel guide app, performing manual testing on features and ensuring a positive user experience.
- **Word Guessing Game (Group - C++):** While not web-focused, this project showcases understanding of software development principles through basic input validation for a console game.

### Certification/Short Courses

- ICTT - National Apprentice and Industrial Training Authority
- Certificate in English
- Certificate in Tamil language

### Extracurricular Activities

- University of Kelaniya - Karate team
- Volunteering member - Generation Alpha (Team Upstream Hustlers)
- Member of LEO Club - University Of Kelaniya
- Member of LED KLN - University of Kelaniya

### Non-related Referees

Mr Dinesh Asanka  
Senior Lecturer (Grade II )  
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Sri Lanka

I hereby confirmed that the above information is true and correct according to the best of my knowledge.

2024/08/08

Date



Signature