



# HASITHA DARSHANA

## UNDERGRADUATE | FULL STACK DEVELOPER

122/A, Henegama, Akuressa, Matara

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## ABOUT

I am currently pursuing my undergraduate degree at Rajarata University Of Sri Lanka. Throughout my academic journey, I have gained in-depth knowledge and hands-on experience in Full-Stack Development, equipping me with the necessary expertise to excel in the Software industry. I am eager to apply my skills to real-world projects and contribute to innovative solutions. I am seeking opportunities to apply my technical expertise in a dynamic and innovative environment where I can contribute effectively and grow as a software engineer.

## EDUCATION

**Bachelor of Information Communication Technology [BICTHons]**      **Expected Graduation 2026**  
*Rajarata University of Sri Lanka*

- Current GPA - 3.6+ (Credits - 74): Reading
- Relevant coursework - Data Structures and Algorithms, Object-Oriented Programming, Database Systems, Web Development, Machine Learning, Design Patterns, Agile Practices

## CERTIFICATIONS

<b>AWS Cloud Practitioner (CLF-C02)</b> <i>Kodekloud</i>	<b>Feb 2025</b>
<b>Getting Started with MongoDB Atlas</b> <i>MongoDB</i>	<b>Feb 2025</b>
<b>Getting Started with NodeJS</b> <i>Simplilearn</i>	<b>Feb 2025</b>
<b>GIT for Beginners</b> <i>Kodekloud</i>	<b>Feb 2025</b>
<b>Golang</b> <i>Kodekloud</i>	<b>Feb 2025</b>
<b>Learning Linux Basics Course &amp; Labs</b> <i>Kodekloud</i>	<b>Feb 2025</b>
<b>Postman API Fundamentals Student Expert</b> <i>Postman</i>	<b>Jan 2025</b>
<b>Python for Beginners</b> <i>University of Moratuwa</i>	<b>May 2024</b>

## RESEARCH

**Comparative Analysis of Machine Learning Algorithms for Diabetes**      **Jan 2025 - Present**  
*Rajarata University of Sri Lanka*

- Investigating machine learning technologies to enhance early detection and diagnosis of diabetes, aiming to improve healthcare outcomes.
- Developing a system to analyze and predict diabetes using structured clinical data, streamlining the diagnostic process and addressing challenges like delays and errors in traditional methods.

PROJECTS

Boosting Employee Well-being with Emotion Recognition and Attendance Management System | [Repository Link](#)

May 2024 – Dec 2024

Rajarata University of Sri Lanka

- Developed a system that integrates facial recognition technology to automate attendance management and capture real-time emotional states of employees, enhancing workplace productivity and well-being.
- Used Python, Django, OpenCV, and Face Recognition to track and analyze employee emotions, identifying patterns for proactive interventions.

Realtime Chat App with MERN Stack | [Repository Link](#)

Aug 2024 – Nov 2024

Rajarata University of Sri Lanka

- Developed a real-time chat application using the MERN stack (MongoDB, Express.js, React.js, Node.js) along with Socket.io for live messaging and TailwindCSS plus Daisy UI for the front-end design.

Hotel Booking and Admin Management System | [Repository Link](#)

Mar 2023 – Sep 2023

Rajarata University of Sri Lanka

- Developed a user-friendly hotel booking platform with seamless navigation for browsing rooms, facilities, and booking services across devices.
- Built the platform with HTML, CSS, JavaScript, Bootstrap, AJAX, PHP, MySQL, and PHPMailer for responsive design, asynchronous functionality, backend architecture, and email integration.


SKILLS

TECHNICAL SKILLS	<ul style="list-style-type: none"><li>• Programming Languages: JavaScript, Java, Python, PHP, Go</li><li>• Frontend: Tailwind CSS, React.js, Bootstrap</li><li>• Backend: Node.js, Express.js, Django</li><li>• Databases: MySQL, MongoDB, Firebase</li><li>• DevOps &amp; Cloud: Docker, AWS, CI/CD</li><li>• Version Control: Git, GitHub</li><li>• APIs &amp; Security: REST, JWT</li><li>• Mobile Development: Flutter</li></ul>
SOFT SKILLS	<ul style="list-style-type: none"><li>• Problem-Solving</li><li>• Communication</li><li>• Adaptability</li><li>• Time Management</li><li>• Critical Thinking</li><li>• Agile Mindset</li></ul>

VOLUNTEER EXPERINCE

Logistics Team Lead	2024 – Present
Robotic Society Of Technology – RUSL	
Member	2023 – Present
Free & Open Source Software Community (FOSS) – RUSL	
Member	2022 – Present
ATIT Rajarata – Association of Technology IT	

REFERENCES

<b>Ms. Nadeesha Thilakarathne</b> Lecturer  ICT Department Faculty of Technology Rajarata University of Sri Lanka  <b>Phone:</b> +94 71 954 5073 <b>Email :</b> ngthilak@tec.rjt.ac.lk	<b>Mr. Husni Mohomed</b> Lecturer (probationary)  ICT Department Faculty of Technology Rajarata University of Sri Lanka  <b>Phone:</b> +94 766383023 <b>Email :</b> hmohamed@tec.rjt.ac.lk	
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