

# HIMASH RUWANGA

## SOFTWARE ENGINEERING INTERN

UNDERGRADUATE AT UNIVERSITY OF MORATUWA

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## PROFILE

Third-year Information Technology undergraduate with a passion for developing innovative solutions to complex problems. Dedicated to continuous learning and growth within software engineering, with a focus on applying modern techniques to real-world challenges.

## EDUCATION



### BSc (Hons) in Information Technology

University of Moratuwa

2022 May – Present

Year 2 Sem 2

- Current GPA – **3.63**
- Dean's list – L2S1 (**3.90**), L2S2 (**3.85**)



### IJSE – Institute Of Software Engineering

GDSE – Graduate Diploma in Software Engineering (on hold)

2021 – 2022



### GCE Advanced Level – Physical Science Stream

Richmond College – Galle

2020

- Combined Maths – A
- Chemistry – B
- Physics – B

## PROJECTS

### Medichive – Healthcare Management System (Team)

- Development of a comprehensive doctor channeling system as a healthcare management web application, optimizing patient-doctor interactions and appointment scheduling.
- Technologies Used : **ReactJS, NestJS, MySql**

### Ceylon Fitness – POS System (Individual)

<https://github.com/himashreigns/Ceylon-fitness.git>

- Designed and developed a stand-alone POS system tailored for a supplement store, streamlining sales processes and enhancing inventory management.
- Technologies Used : **Java, JavaFX, Scene Builder, and MySQL**

### Automated Beverage Mixer – Hardware Project (Team)

<https://youtu.be/W81GyNXOtWQ>

- Designed and implemented an automated beverage mixer using Arduino and sensors, showcasing expertise in IoT development and hardware integration.
- Technologies Used : **Arduino**

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## TECHNICAL SKILLS

### Programming Languages

- Java
- C
- JavaScript
- TypeScript

### Web Development

- HTML
- CSS
- ReactJS
- Nest JS
- Bootstrap

### Cloud

- AWS – S3, EC2

### Version Control System

- Git

### Databases

- MySQL
  - MSSQL
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## CODING ACHIEVEMENTS

- CodeRally 2024 IIT – 3rd place
  - CYPHER 2023 KDU – 5th place
  - SLIIT Codefest 2022 – Top 10
  - ACES Coders v10.0 UOP – Top 50
  - CodeRush 2023 UOM
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## SOFT SKILLS

- Effective Communication
  - Leadership
  - Fast Learning
  - Problem Solving
  - Team Working
  - Time Management
  - Presentation Skills
  - Bilingual Communicator
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## EXTRA CURRICULAR ACTIVITIES

### Rotaract Club of University of Moratuwa

- Inducted member for year 22/23
- Chairperson of project “Unseen Harmonies”
- Member of diving team in artificial coral plantation project
- Spirit of service award for year 22/23

### Hiking Club of University of Moratuwa

- Member of Health & Safety committee for year 2024
- STRIDIAN 2023 – Runner’s up

### Siridhamma College

- Member of school swimming team
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## REFEREES

### Dr. Lochandaka Ranathunga

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### Mr. Dulaj Dilshan

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