# Chathura Abeygunawardhana

Undergraduate  -  University of Moratuwa

## PROFILE

As an IT undergraduate with a keen interest in web development ,mobile development and java programming I am passionate about creating user friendly web and mobile applications and providing solutions for existing problems through coding. I have a special interest towards algorithmic programming . I am currently seeking for a **Software Engineering** internship .

## PROJECTS

### FieldMaster (Group project - 2024)

- 2nd year software project
- Role : Full stack developer
- Description : Land Measuring application - mobile app and web app
- Git - https://github.com/ChathuraAbeygunawardhana/FieldMaster.git
- Contribution - Developed remote measuring functionality and CRUD operations related to managing map templates for a user in both web and mobile applications
- Technologies used : React Native | React | NodeJS

### Shopping Assistance System (Group project 2023)

- 1st year project
- Role : Group Leader  , web developer
- Description : The user can insert the amounts of chocolates through a web interface and the automated shopping cart travels through the racks and brings the chocolates from each of the categories according to the required amount
- Contribution : developed the web application and programmed the Arduino code for traveling through the racks using line following method.
- Technologies used : Arduino | HTML

### Car Repair Service Website (2023)

- Individual Project
- Role : Frontend developer
- Description : Provides a website for a car repair service center .
- github  : github.com/ChathuraAbeygunawardhana/Car-Repair-service-website.git
- live demo : carcare4u.netlify.app
- Technologies used : HTML  | CSS | Javascript

### Chat Application - Web (2024)

- Individual Project
- Role : Full-stack developer
- Description : Created a chatting application where multiple users can send messages with each other and groups can be created within the signed up members.
- github  : https://github.com/ChathuraAbeygunawardhana/chat-app.git
- Technologies used : React | NodeJS | MongoDB

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- linkedin.com/in/chathura-abeygunawardhana
- github.com/chathuraAbeygunawardhana
- chathuraabeygunawardhana.netlify.app

## EDUCATION

- **University of Moratuwa**
  BSc Honours in Information Technology - reading expected in 2026
  CGPA : **3.63** (out of 4)
  up to semester 3
  Dean's list - Level 02 Semester 01 (SGPA **3.81**)

- **Richmond College - Galle**
  GCE Advanced Level
  Physical Science stream - AAB
  GCE Ordinary level exam - 9As

- **IJSE institute of Software Engineering**
  Comprehensive Master in Java Development
  Completed in 2022

## TECHNICAL SKILLS

- **Programming Languages**
  - C
  - Java
  - Python
  - Javascript

- **Web Development**
  - HTML
  - CSS
  - ReactJS
  - NodeJS
  - Bootstrap

## ExploreLanka (2024)

- Role : Frontend Developer | Group project
- Description : This is an exploration themed application which includes a visa approval process when a foreigner enters Sri Lanka .
- Contribution : I developed the frontend related to visa details filling process and connected with the backend .
- Technologies used : NextJS | TailwindCSS | TypeScript
- Github : https://github.com/ChathuraAbeygunawardhana/S2Nx_ExploreLanka.git

## COMPETITIONS PARTICIPATED

### CoderRush 2023  - 1st place
Intra faculty Ideathon and Hackathon organized by Faculty of IT University of Moratuwa - group hackathon

### Duothan 2024 - 1st place
Inter University Web development Hackathon - group competition - NSBM

### Codefest 2022 - Algothon - top 10 Finalists
Algorithmic programming competition- Organized by SLIIT

### Codefest 2022 - Hackathon - top 10 Finalists
24 hour hackathon in the finals - Organized by SLIIT

### Coderush 2022 - 4th place
Hackerrank competition and Idea submission - group competition

### FestX 4.0 Hackathon - 2nd Place
Individual hackathon - Algorithmic programming
Organized by IEEE WIE student affinity group - University of Moratuwa

### Techno Hackathon - 16th place
Group hackathon Organized by IESL Student Chapter - University of Moratuwa

### Aces Coders V10.0 - Hackathon - 13th position
Organized by the Association of Computer Engineering Students at University of Peradeniya

## CERTIFICATES

### Comprehensive Master in Java Developing

Offered by IJSE Institute of Software Engineering

## VOLUNTEERING

### SLRMUN 2023 Conference - Co chair of the  project

Co chair of the project and the Under Secretary General of Administration

### Project AYA  - Multilingual AI Model

Initiated by Rotaract club University of Moratuwa
Role : Video editor , prompt generator

### Rotaract Club - University of Moratuwa

Active member

## REFERENCES

**Dr. Supunmali Ahangama**
Senior Lecturer
University of Moratuwa
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**Prabhash Thilina Bopege**
Project Manager
TurboGen
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- **Containerization**
  - Docker

- **Mobile development**
  - React Native

- **Databases**
  - MYSQL
  - MSSQL
  - MongoDB

- **Version Control**
  - Git

- **Designing**
  - Figma

- **Other**
  - Fast typing (84 wpm)
  - Adobe After effects
  - Blender
  - GIMP
  - Cisco Packet Tracer
  - Wondershare Filmora

## LANGUAGES

- **Sinhala (native)**
- **English**

## OTHER SKILLS

- **Problem Solving**
- **Presentation skills**
- **Self Learning**
- **Analytical thinking**
- **Problem Solving**