



# RANUL RATHNAYAKE

Undergraduate University of Moratuwa

## ABOUT ME

As an IT undergraduate I am a hardworking, passionate individual who is enthusiastic about exploring new aspects of technology and learning existing terminologies. A dedicated team player who is enriched with team spirit and logical thinking. Seeking an opportunity as a software engineer intern to pragmatically accomplish the goals successfully by applying the most appropriate strategies.

## CONTACT ME AT

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- <https://github.com/RanulRathnayake>
- [www.hackerrank.com/ranulrathnayake](https://www.hackerrank.com/ranulrathnayake)

## TECHNICAL SKILLS

### Programming Languages

- Java
- C
- Python

### Web Development

- HTML
- CSS
- JavaScript
- PHP
- React
- Nodejs
- MUI
- Bootstrap

### Database

- MongoDB
- MySQL
- MSSQL

### version controlling

- Git

### IDEs

- IntelliJ IDEA
- Visual Studio Code
- Atmel Studio

### Other

- Canva
- Figma
- postman
- SketchUp
- Cisco Packet Tracer
- Atmel Studio
- Proteus Stimulation
- Blender

## EDUCATION



**Reading for BSc. (Hons) in information technology**  
**University of Moratuwa** 2021 – 2025 (Expected)

CGPA: 3.01



**Rahula College Matara** (2010-2019)

- G.C.E Advanced Level (2019): Physical Science Stream 1A, 2B's (Z-Score – 1.5775)**
- G.C.E Ordinary Level (2015) – 8A's, 1B**



**Open University of Moratuwa**

Trainee - Full stack developer course

**Completed**

## PROJECTS

### Project Crawler – Level 02 Software Project

Project Crawler is an e-learning portal for IT enthusiasts. We create an e-learning platform to begin extending the project. The e-learning platform comprises wide range of features and functionalities including user management, course management, course creation, earning badges and certificate generation.

**Role:** Full Stack Developer

**Technologies:** React, NodeJS, Express JS, MongoDB

**Industry partner:** [creative hub global](#)

### Portfolio Website – MERN Stack Project

Through this portfolio website, visitors can download my CV to learn more about my qualifications. They can also view my showcased projects and easily contact me via email, Messenger, or WhatsApp.

**Technologies:** React, CSS, EmailJs, Hostinger

### Instagram Clone App – MERN Stack Project

This clone has all the functionalities such as create profile, create post, user login/logout, follow other users and like and comment to posts.

**Technologies:** React, NodeJS, Express JS, MongoDB

## OTHER SKILLS

- Leadership
- Teamwork
- Interpersonal skills

## INTERESTS

- Chess
- Sudoku
- Artificial Intelligence
- Cyber Security
- Movies & Tv series

## LANGUAGES

- Sinhala
- English

## NON-RELATED REFERENCES

Lahiru Munasinghe

Consultant

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### • Automated Ayurvedic pill dispenser – Level 01 Hardware Project

Pill dispenser is an automated machine that can provide the relevant oils, medicine pills, and liquids that are mixed with different medicine powders to the patients. Atmega-32 microcontroller is used to control the all the components and C programming language is used to program it. Stepper motor, level sensors, PIR sensors, fingerprint sensor and load cells are used to fulfil several functionalities.

**Microcontroller Used:** Atmega32

**Technologies:** C Language

### • Chat Application – MERN Stack Project.

The chat application allows users to send and receive messages in real-time, create chat groups or private conversations. It was developed using ReactJS for the frontend. Node.js was utilized for the backend, facilitating real-time communication and efficient data transfer. MongoDB served as the database.

**Technologies:** React, NodeJS, Express JS, MongoDB

### • PvP Fighting Game

The PvP fighting game, developed using JavaScript and HTML, allows two users to engage in a dynamic virtual combat. Both players can move and attacks to the other player.

**Technologies:** HTML, Java Script, Netlify

**Game :** <https://pvpfighting.netlify.app/>

## ROLES AND RESPONSIBILITIES

- **IEEE Student Branch University of Moratuwa**  
Signal Processing Society (2022 - Present)  
Position – **Membership Assistant**
- **INTECS (Information Technology Society)**  
**University of Moratuwa** – Member
- **Rahula Collage Science Society**  
Position – **Vice President**