



# MOHAMMED AATHIF

Developer & UI/UX Designer-Intern

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 [Mohammed Aathif](#)

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 Akurana , Kandy.

## EDUCATION

**University of Ruhuna**  
(Bachelor of Computer Science)  
2022 - present

## SKILLS

### Programming Languages

- JavaScript/TypeScript
- Java
- Programming C
- C#

### Frontend Development

- React.JS
- Angular

### Backend Development

- SpringBoot
- Node.JS

## ABOUT ME

Dedicated and driven undergraduate student with proficiency in MERN stack development, Java programming, and UI/UX designing. Skilled in system analysis, problem-solving, and creating efficient, visually appealing, and scalable solutions. Eager to apply technical expertise and creative design skills to contribute to impactful projects and achieve team success

## PROJECTS

### WILDLIFE HMS - DESKTOP APPLICATION

WildLife HMS is a collaborative group project aimed at developing an advanced Habitat Management System.

This innovative desktop application leverages cutting-edge technology to assist conservationists, researchers, and environmentalists in the preservation and monitoring of ecosystems. By streamlining data collection, analysis, and decision-making processes, the project showcases teamwork, technical expertise, and a commitment to environmental sustainability. Designed as part of our academic journey at the University of Ruhuna, this project demonstrates our ability to solve complex problems and contribute to impactful solutions.

<https://github.com/Group-Project-WildLifeHMS.git>

### MEDICAL UNIT - WEB APPLICATION

Collaborated in a team to design and develop a comprehensive medical records management system for our university's medical unit, streamlining student health record management and improving operational efficiency. Built using the MERN stack (MongoDB, Express.js, React, Node.js), the system includes features such as secure user authentication, online appointment scheduling, medical report previews, record submissions, and inventory management for medical supplies.

## Database Management

- MySQL

## Cloud Services

- AWS  
(Amazon Web Services)

## Web Servers

- NGINX

## Other Tools

- Linux
- Git & GitHub
- VS Code/IntelliJ IDEA
- Trello
- Postman
- Jest(Unit test)
- Figma

## Language

- English
- Tamil
- Sinhala

This centralized solution ensures secure data storage, real-time access to health records, and optimized scheduling to reduce waiting times. The project highlights our teamwork, full-stack development skills, and commitment to delivering impactful, real-world solutions.

[https://github.com/UOR\\_Medical\\_Unit\\_App.git](https://github.com/UOR_Medical_Unit_App.git)

### EXAM PAPER MANAGEMENT SYSTEM - WEB APPLICATION

Collaborated on a final-year group project to develop a secure and efficient Exam Management System (EMS) for the Department of Computer Science at the University of Ruhuna. The system streamlines exam-related processes such as user role management, paper creation, grading automation, result dissemination, and archival of historical data. Leveraging technologies like Spring Boot, ReactJS, MySQL, and AES encryption, the project ensures data security, enhances productivity, and reduces operational inefficiencies. This initiative demonstrates expertise in full-stack development, secure systems design, and teamwork in delivering real-world solutions

<https://github.com/EMS.git>

## EXTRA CURRICULAR ACTIVITIES

### PRESIDENT OF SCIENCE FACULTY MUSLIM MAJLIS

As the President of the Science Faculty Muslim Majlis, I demonstrated strong leadership, organizational, and communication skills. I successfully organized cultural and educational events, fostered collaboration among students, and promoted a supportive and inclusive environment. My role involved strategic planning, teamwork, and decision-making to enhance student engagement and community impact.

### GRAPHIC DESIGNER – CSSC MEDIA UNIT

As a graphic designer for the Computer Science Students Community (CSSC) Media Unit, I contributed to creating visually engaging designs for promotional materials, event branding, and social media campaigns. My role involved utilizing creative software, collaborating with team members, and ensuring designs effectively communicated the community's vision and initiatives.

## References

### Mohamed Hisham - BIT (UCSC)

Project Manager , Achieve ERP

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