

# Mohamed Aathif

Computer Science Undergraduate

UI/UX Engineer | Eager to Learn & Innovate

✉ [aathifmhd2000@gmail.com](mailto:aathifmhd2000@gmail.com)

☎ +94 76 944 2270

🌐 [aathifmhd.web.app](https://aathifmhd.web.app)

📍 Kandy, Sri Lanka

## ABOUT ME

UI/UX Engineer with a background in Computer Science and experience in frontend development using ReactJS. Skilled in designing clean, functional interfaces and enhancing overall user experience. Focused on creating intuitive, user-centered designs that align with both design principles and development needs.

## EDUCATION

Bachelor of Computer Science (Reading)  
University of Ruhuna  
GPA - 2.78

GCE Advanced Level (Physical Science stream)  
Zahira College. Mawanella  
3B Passes

GCE Ordinary Level  
St. Sylvester's College. Kandy

## EXPERIENCE

UI/UX Designer Intern  
Orbit360 (Pvt) Ltd - Remote  
2025 Feb - present

Former Kevilton Agency Manager - Polonnaruwa  
Kevilton Electrical Products (Pvt) Ltd  
2020-2022

## PERSONAL DETAILS

Web Site  
<https://aathifmhd-47c81.web.app>

GitHub  
<https://github.com/Aathifmhd>

Linkedin :  
<https://www.linkedin.com/in/mohammed-aathif-164429269>

## STRENGTHS

- UI Design & Aesthetics
- Prototyping
- User Experience(UX) Optimization
- Effective Communication
- Research Skills
- Trend Analysis
- Problem Solving
- Competitive Analysis
- Team Collaboration
- Time Management

## PROJECTS

### Exam Paper Management System - Final year Group Project

- Developed a secure Exam Management System (EMS) for the Department of Computer Science using Spring Boot, ReactJS, and MySQL.
- Implemented features like user role management, grading automation, result dissemination, and secure data encryption.
- Enhanced efficiency by streamlining exam processes and ensuring secure data handling.
- Played a key role in requirement gathering, project initiation, design, development, and testing phases

### Amila Abeysinghe - Learning Management System

- Developed a custom Learning Management System (LMS) for Amila Abeysinghe, an Advanced Level Combined Mathematics tutor, integrating a Content Management System (CMS) for admins.
- The platform enables students to access study materials, submit assignments, receive feedback, and communicate with the tutor, ensuring an interactive learning experience.
- Meanwhile, admins can manage content, track student progress, and update resources efficiently.
- Built with ReactJS and ExpressJS, the system uses MySQL for data management, Docker for containerization, and is deployed on AWS with automated CI/CD via GitHub Actions, ensuring scalability and seamless performance

## WildLife HMS - Desktop Application

- Developed a Habitat Management System using **JavaFX**, **JDBC**, and **MySQL** to support conservation efforts by streamlining data collection, analysis, and decision-making for ecosystem monitoring.
- This system enhances the efficiency of tracking environmental changes and managing habitat resources effectively.
- The project demonstrated strong teamwork, technical proficiency, and a commitment to environmental sustainability, ensuring a data-driven approach to conservation efforts

## Medical Unit - Web Application

- Developed a Medical Records Management System for the university's medical unit using the **MERN** stack to enhance healthcare operations.
- The system features secure authentication, online appointment scheduling, and real-time access to medical records, ensuring seamless patient management.
- Additionally, it optimizes data storage, record handling, and inventory tracking, significantly improving operational efficiency and streamlining medical workflows.

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## TECHNOLOGIES AND TOOLS

- **Programming Languages:** *JavaScript, Java, C, C#*
- **Frontend Development:** *React.JS*
- **Designing Tools:** *Figma, AdobeXd, AdobePhotoshop, Adobelllustrator*
- **Backend Development:** *SpringBoot*
- **Database Management:** *MySQL*
- **Cloud Services:** *AWS, Firebase*
- **Web Servers:** *NGINX*
- **Other Tools:** *GitHub, Trello, Postman, Jest*

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## EXTRA-CURRICULAR ACTIVITIES

### Graphic Designer - Computer Science Students' Community - University of Ruhuna

2024-present

### Senior Editor - Akurana Undergraduates society

2023-present

### President - Ruhuna Sub-Majlis

2023-2024

### Junior Treasurer - Ruhuna Main-Majlis

2024-present

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## REFERENCES

### Dr. K.D.C.G Kapugama

Senior Lecturer (Grade II)

Phone: +94 75 081 2584

Email : [charaka@dcs.ruh.ac.lk](mailto:charaka@dcs.ruh.ac.lk)

### Mohamed Hisham - BIT (UCSC)

Project Manager , Achieve ERP

Phone: +94 778077414 , +94 776583469

Email : [hishamth89@gmail.com](mailto:hishamth89@gmail.com)

[hisham.thowfeek@achive-erp.com](mailto:hisham.thowfeek@achive-erp.com)