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SUMMARY

Final-year Computer Science undergraduate at the University of Ruhuna, graduating soon. Skilled in full-stack development and passionate about delivering innovative solutions. Actively seeking opportunities to contribute to impactful projects with adaptability, enthusiasm, and a growth mindset.

EDUCATION

- Bachelor of Computer Science Degree - University of Ruhuna (2022 - Present)
- Current GPA Value : 3.74
- G.C.E. A/L Examination (2020) Z-Score : 1.4356 (Physical Science Stream)

PROJECTS

**Barcode Based Mail Management System - University of Ruhuna — (Final Year Project)**

12/2024 - 03/2025

- Developed an **Mail Management System** for Administrative Unit of University of Ruhuna to semi-automate the current work flow in Administrative Unit, using a **Barcode Based** approach to manage and handle daily mails and parcels.
- Built using a modern tech stack: **React + Tailwind css** for the user interface, **Springboit + Java** for backend with **REST API development**, and **MySQL** as the database engine.
- Streamlined deployment processes with a **CI/CD** workflow leveraging **Docker** and **Google Cloud Run**.

**WildLife Habitat Management System —**

02/2024 - 07/2024

- The Wildlife Habitat Management System improves data collection, management, and monitoring of habitats and species. It provides role-based access for admins, researchers, and users. The system supports conservation efforts through data visualization and customizable reporting.
- The project uses **Java** with **MaterialFX** for the frontend. **MySQL** manages the database, while **JasperReports** handles dynamic report generation.
- Key features include **role-based access**, data management, and **customizable reports**. The project followed the SDLC with rotating team roles for equal participation.

SKILLS

- Programming Languages** — Java, C, JavaScript, TypeScript, PHP
- Frameworks & Libraries** — Spring Boot, Hibernate, ReactJS, Tailwind CSS, Material-UI, Bootstrap
- Web Technologies** — HTML, CSS, jQuery
- Tools & Platforms** — Maven, Docker, Git, Postman, Swagger, Web Socket
- Databases** — MySQL
- Testing** — JUnit, Mockito
- DevOps & Cloud** — CI/CD Pipelines, Dockerized Deployments, AWS, GitHub Actions
- Design & Multimedia** — Adobe Illustrator, Photoshop, GIMP

PROFESSIONAL SKILLS

**Trainee — Peoples’ Bank Hettipola, Sri Lanka**

2022/03/03 - 2022/08/12

Gained hands-on experience in online banking, improving communication and teamwork skills.

VOLUNTEERING

**CoderDojo Sri Lanka - Volunteer — STEMup Education Foundation**

2023 - 2024

Volunteered in monthly CoderDojo STEM sessions at Hakmana Public Library.  
<https://stemup.lk/Volunteers/VolunteerProfile?request=f2aad075-c973-4dcf-bcb9-1e8de81562e3>Volunteer Profile

REFERENCES

- Aruna Lorensuhewa** , Senior Lecturer at DCS UOR — aruna@dcs.ruh.ac.lk, +94 71 820 5066
- Hiruni Pieris** , Lecturer at DCS UOR — peirismsh@dcs.ruh.ac.lk, +94 71 316 3959