K.B.Chanuka Jayashan

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Highlights

- **Undergraduate Student** looking for an **internship** as a **Software Developer** (Full time).
- Interested in **Backend & Frontend** Development.
- Interested in **Web Development** & **Backend Development** (**Spring Boot** , **MongoDB** , **MySQL** , **TypeScript**).

Projects

Research project
Level 04 - Present

Automated Theorem Proving for Congruence of Triangle. A Computational Approach to Sinhala Geometric Reasoning.

- *Problem images are input by the user, and the system extracts shape data and Sinhala text from the images. After that, the right theorem is found using the data that was collected.*

Web based Inventory Management System
Level 03 Semester 01

- *This inventory management system handles all inventory transactions, generates reports, has a billing system, and uses role-based authentication.*
- *Technologies - **Spring boot , Angular , MySQL***
- *Backend - https://github.com/KBChanukaJ/Inventory_Management-Back_End-.git*
- *Frontend - https://github.com/KBChanukaJ/Inventory-Management.git*

Hostel Complaint Management System
Level 03 Semester 02

- *The system can generate reports, handle complaints, and implement role-based authentication.*
- *Technologies - **Spring boot , Angular , Advanced Database technologies** (Procedures , Functions , Triggers , Events , Views)*
- *Backend - https://github.com/KBChanukaJ/Hostal_Management_Backend.git*
- *Frontend - https://github.com/KBChanukaJ/Hostal_Management_Frontend.git*

Chat Application
Level 03 Semester 01

- *This Java RMI chat application allows multiple users to chat in a group, using Java Swing as the interface, Hibernate as the ORM tool.*
- *Technologies - **Java , RMI , Swing , MySQL***
- *Repository - https://github.com/KBChanukaJ/ChatApp.git*

E Commerce Web Application
Level 02 Semester 02

- *Create the e-commerce web application for music instruments store.*
- *Technologies - PHP , **MySQL***
- *Repository - https://github.com/KBChanukaJ/EComWeb_Musix.lk.git*

Student Management System
Level 02 Semester 01

- *Technologies - **Java Swing , MySQL***
- *Repository - https://github.com/KBChanukaJ/TECMIS.git*

Car Rental Management System
Level 02 Semester 01

- *Technologies - PHP , **MySQL***

Education

BICT (Hons) - Bachelor of Information Communication and Technology

Matara , Sri Lanka
2020 January - Present

Bachelor of Information & Communication Technology Honours
Department of Information & Communication Technology
Faculty of Technology,
University of Ruhuna, Sri Lanka.
(GPA 3.30 05 Semesters)

GCE (A/L) Examination (Sri lanka)

Colombo, Sri Lanka
2018 August

Lumbini College , Colombo 05
Technology Stream
(SFT - B , ET - B , ICT - C)

Achivements & Certificate

Successfully completed Python for Beginners course.

2024

- *Department of Computer Science & Engineering, Faculty of Engineering, University of Moratuwa*

Participated for INSURGEX 1.0

2024

- *Organized by Faculty of Science , University of Ruhuna.*

Introduction to Cybersecurity in CISCO Network Academy

2022

Programming Skills

- Angular
- Springboot
- Java
- Hibernate
- TypeScript
- JavaScript
- HTML
- CSS / BootStrap
- CSS / BootStrap
- UI / UX Design
- C language
- PHP

Extracurricular Activities

Junior Treasurer

2023 February - 2024

- *Sport Council , Faculty of Technology , University of Ruhuna.*

Committee Member

2022 - 2023

- *ICT Society , Faculty of Technology , University of Ruhuna.*

Member of Faculty Badminton team

2022 - Present

Referees

Prof. P. K. S. C. Jayasinghe

Dean of the Faculty,
Faculty of Technology,
University of Ruhuna,
Sri Lanka.
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Mrs. R.D.N. Shakya

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