

Chalani Chanchala *Software Engineer*

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📍 Kegalle, Sri Lanka

🌐 GitHub

🌐 LinkedIn

🔗 Portfolio

Profile

Computer Science undergraduate with a solid understanding of software development and hands-on experience in full-stack projects. Passionate about creating user-friendly and scalable applications. Interested in both frontend design and backend development, and familiar with agile workflows. A quick learner and team player, eager to contribute to real-world software projects.

Projects

Pharmacy Distributed System (Group Project)

Technologies: React, Spring Boot, PostgreSQL, Swagger, IntelliJ IDEA, VS Code

A web-based system developed to improve the pharmaceutical distribution process across multiple locations. The system automates inventory management, order processing, invoicing, and payments, ensuring smooth operation and real-time tracking.

My Contribution:

- Served as Scrum Master, managing Agile ceremonies and ensuring timely delivery.
- Led React frontend development for inventory, orders, and notifications.
- Supported Spring Boot backend with customer-related REST APIs.
- Prepared system design, Swagger API docs, and user manuals.

RUHNIX Fivver Site (Group Project)

Technologies: MERN Stack, Postman, VS Code

A web platform designed for university students to offer and find freelance services within their academic community. The system supports user profiles, service listings, project collaboration, secure payments, and review features to encourage peer-to-peer skill exchange.

My Contribution:

- Managed Trello for task tracking and team coordination.
- Led documentation: system diagrams, API docs, specs, and guides.
- Aligned documentation with UI/UX wireframes and designs.

Attendance Management System (Individual Project)

Technologies : Java, MySQL, NetBeans

A desktop-based system designed to streamline attendance tracking for students and employees. The system allows efficient attendance marking, generates daily/monthly reports, and stores data securely using a relational database.

Languages

- English
- Sinhala

Skills

Programming Languages

Java
C Programming
PHP
Python
C#

Frontend Technologies

ReactJs
Vue Js
HTML 5
CSS
Tailwind CSS

Backend Technologies

SpringBoot
Laravel
NodeJs
ExpressJs

Project Management Technologies

Figma
Trello
GIT / Github
Docker

Database Management Systems

MySQL
PostgreSQL
Mongo DB

Applications

Visual Studio Code
IntelliJ IDE
Net Bean
Postman
Swagger
Visual Studio

Soft Skills

Communication
Presentation
Leadership
Team Collaboration

Quality Assurance & Testing Tools

Selenium
TestNG

Education

Bachelor of Computer Science |2022 -present

University of Ruhuna
Maintaining a GPA of 3.20

Advanced Level |2018-2020

St.Joseph's Balika Maha Vidyalaya,Kegalle
Physical Science Stream (ABB) -Z score-1.5194

Ordinary Level | 2015-2016

St.Joseph's Balika Maha Vidyalaya,Kegalle
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Organisations

INSURGEX 1.0 Intra University Hackathon

Project Secretary

I played a key part in bringing together innovative minds in technology. My responsibilities included event coordination, effective communication, and meticulous documentation.

Computer Science Students' Community

Committee Member

References

Prof(Mrs). W.A. Indika, Professor, University of Ruhuna
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Mr. K. R. Wijeweera, Senior Lecturer (Grade II), University of Ruhuna
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