Chalani Chanchala

Software Engineer Internship

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📍 Kegalle,Sri Lanka   ○ GitHub

in 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:
- Acted as the Scrum Master, coordinating daily standups, sprint planning, and ensuring timely delivery through Agile methodologies.
- Led the frontend development using React, implementing key modules such as inventory dashboards, order management UI, and user notifications.
- Assisted in backend development, contributing to customer and customer group-related REST API endpoints using Spring Boot.
- Handled project documentation, including system design, API specifications using Swagger, 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 the Trello board to organize tasks, monitor team progress, and maintain project timelines, ensuring effective communication and smooth coordination.
- Took the lead in documentation, preparing system architecture diagrams, API documentation, feature specifications, and user guides.
- Supported UI/UX planning by aligning documentation with wireframes and functional designs.

Attendence 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.

Skills

Programming Languages
Java
C Programming
PHP

Backend Technologies
SpringBoot
NodeJs
ExpressJs

Applications
Visual Studio Code
IntelliJ IDE
Net Bean
Postman
Swagger
Visual Studio

Frontend Technologies
ReactJs
HTML 5
CSS
Tailwind CSS

Database Management Systems
MySQL
PostgreSQL
Mongo DB

Soft Skills
Communication
Presentation
Leadership
Team Collaboration

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

Computer Science Student Community CS Padura- 2024
Volunteer

InspiHER{Tech}V2.0 Hackathon
IEEE WIE Student Branch Affinity Group of SLTC
Honored to reach the final round of "InspiHER{Tech}V2.0," a women's hackathon by IEEE WIE Student Branch Affinity Group of SLTC.

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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