



PAWAN HETTIARACHCHI

SOFTWARE ENGINEER (I N T E R N S H I P)

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PROFILE

Experienced professional with strong leadership, communication, and problem-solving skills. Adaptable and innovative, I excel in diverse roles, consistently achieving objectives and fostering teamwork.

EDUCATION

2022 - Present

BSc (Hons) in Computing and Information systems

Sabaragamuwa University of Sri Lanka

Year of graduation : 2026

Current GPA : 3.34

2017 - 2020

G.C.E (A/L) Examination - 2020

Bandaranayake College Gampaha

Physical Science Stream : 2Bs 1C passes

PROEJCTS

Personalized News Board (Individual)

Spring boot WebFlux, Spring Cloud Micro services, Keycloak, Angular, Typescript

- News page secured with spring security where users can login, search news and select their news and trend preferences to personalize what they see.
- User preferences are updated based on the clicked news topics dynamically to improve user experience, integration of ELK Stack to monitor Logging.

[Personalized News Board - Github](#)

GymShark E-Comemrce Site (individual)

Spring boot, Spring Cloud Micro services, Keycloak, Paypal, Angular, TypeScript

- E-Comemrce website where users can login, search, add to cart, buy products via paypal services.
- Page is secured with spring security open authentication 2 resource server incorporating with keycloak.

[GymShark E-Commerce Site - Github](#)

GardenGear E-Commerce Site (individual)

Spring boot, Spring Cloud Microservices, Kubernetes, Docker, Ingress, Angular, TypeScript, Nginx

- Garden Tools Website where users can login, add to cart, buy tools and more.
- Deployed on a local Kubernetes cluster incorporating Nginx(serving angular application), Ingress etc.
- Ensured high reliability with use of circuit breaking, fallback, rate limiting patterns along with Kubernetes.

[GardenGear E-Commerce Site - Github](#)

Book Management System (individual)

Spring boot, Spring Data JPA, JWT Security. Angular, TypeScript

- Book Management Website where users can login, Add books, Borrow books, Add to archive, Return Books ect.
- Secured with JWT authentication with account validation with OTP.

[Book Management System - Github](#)

Codify - C 2nd Year Capstone Project (Group)

Unity, C#, Firebase

- Fully functional Unity Mobile Game application allows players to learn fundamentals of C programming language.
- Players can use social login(Facebook, Google) and email/ Password, player levels and scores are recorded.
- My contribution - Team Leader, Fully functional backend with firebase, 3 major Game levels.

[Codify-C- Github](#)

Blog Site (individual)

Spring boot, Spring Data JPA, Angular, Typescript

- Blog site where users can post blogs, like, comment, delete blogs. Used angular material, scss for simpler design.

[Blog Site - Github](#)

Portfolio Site (individual)

Angular, TypeScript / React, JavaScript, Git API, Formspre

- Portfolio site developed in angular and react (2 Projects), Formspre for handling emails, Git API for Real time Repository data fetching.

[Portfolio - Angular - GitHub](#)

[Portfolio - React- GitHub](#)

Event Booking Platform (individual - Ongoing)

Spring boot, PostgreSQL, Stripe, Paypal, React, Docker, Nginx, Keycloak

- A platform where users can browse and book tickets for events like concerts, conferences, or webinars. Implement user authentication and payment gateways.

[Event Booking Platform - GitHub](#)

TECHNICAL SKILLS

Java, C, C#, Spring Boot, Spring Webflux, Spring Cloud Microservices, Spring security, Docker, Kubernetes, Kafka, Zipkin, ELK Stack, Postman, DBeaver, PostgreSQL, Hibernate, JPQL, MongoDB, Firebase, Unity, Angular, Typescript, React, Javascript, Debugging with IntelliJ, Figma, Bootstrap, Tailwind, NgPrime, Angular Material, GIT, GitHub, Photoshop, Illustrator

CERTIFICATIONS

Spring Framework in Depth - LinkedIn Learning

Spring 6 Design Patterns - LinkedIn Learning

Spring Test Driven Development - LinkedIn Learning

Spring Boot Microservice - LinkedIn Learning

Advanced Spring Effective Integration Testing - LinkedIn Learning

Docker Foundations Professional Certificate - LinkedIn Learning

Learning Kubernetes - LinkedIn Learning

BLOGS AND ARTICLES

[Understanding Reactive Pipelines in Spring Webflux](#)

[An Introduction to Reactive Programming and Spring WebFlux](#)

[Spring Boot dependency injection through the lens of SOLID principles](#)

[What is infinite recursion stack overflow problem in spring data JPA?](#)

[Understanding Testing in Spring Boot](#)

EXTRA CURRICULAR ACTIVITIES

Member of IEEE Student Branch of Sri Lanka

Event Hosting at PerlHack Competition of SUSL

Volunteer of Society of Computer Sciences

NON-RELATED REFEREES

Nilansha Alwis

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