



# Pahasara Jayasuriya

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[LinkedIn](https://linkedin.com/in/PahasaraJayasuriya)  
[GitHub](https://github.com/Pahasarajayasuriya)

**Languages:** Sinhala, English

## Profile

Final year Software Engineering undergraduate at UCSC with a solid foundation in software engineering and exposure to software systems through academic and industry projects. Passionate about learning, collaboration, and delivering high-quality software solutions. Seeking a Software Engineer role to apply technical skills and grow professionally.

## Education

- **Bachelor of Science (Hons) in Software Engineering** May 2022 – Present  
University of Colombo School of Computing GPA: 3.56/4.00
- **G.C.E. Advanced Level - Physical Science Stream** 2020  
Mahanama College, Colombo 03 Z-Score: 1.6432
- **G.C.E. Ordinary Level** 2017  
Mahanama College, Colombo 03 Result: 7As and 2Bs

## Experience

- **Kingslake Engineering Systems (Pvt) Ltd** Nov 2024 – May 2025  
Intern Software Engineer
  - Contributed to the development of multiple backend systems, including the Prescribing Safety Assessment (PSA) platform and internal enterprise applications.
  - Designed and implemented the Employee Sync module for the Line Balancing Project, ensuring accurate and reliable employee data integration.
  - Developed HR employee synchronization functionality within the Kingslake Framework.
  - Improved CI/CD and deployment processes by enhancing GitHub workflows, configuring ECR files with version validation, and contributing to deployment documentation.

**Technologies:** NodeJs, ExpressJs, Sequelize, JavaScript, SQL, GitHub Actions

## Development Projects

- **Cross-Service Logic & Function Relocation Detection in Microservices** 2024 – Present  
Python, NodeJs, GraphCodeBERT, Joern, Backstage.io
  - Final-year undergraduate research project focused on optimizing microservice architectures by detecting cross-service semantic logic duplication and recommending intelligent function relocation.
  - Designed a Backstage platform plugin to analyze microservice systems and identify cross-service logic duplication, and implemented static analysis techniques to detect semantic code clones across services.
- **C&A Indoor Cricket Net System** Dec 2024 – Sept 2025  
React, TypeScript, Spring Boot, PostgreSQL, Docker
  - A real world indoor cricket net booking system designed to manage reservations, payments, and notifications for customers and administrators.
  - Designed and implemented the booking, payment, and notification workflows, and deployed the system using Docker for production use.
- **ProPath - Modern Job Portal** Jun 2024 – Oct 2024  
Spring Boot, React, Material UI, Tailwind CSS, PostgreSQL, Python
  - A modern job portal connecting Sri Lankan companies with job seekers through intelligent filtering and career development resources.

– Developed backend services and advanced filtering mechanisms to ensure accurate CV to job matching and scalable platform performance.

- **The Frosted Crust - Delivery and E-commerce platform for a Bakery Shop** Jun 2023 – Apr 2024  
PHP, JavaScript, MySQL, HTML, CSS
  - An online food delivery and e-commerce platform designed to manage orders, inventory, and deliveries for a bakery business.
  - Implemented order routing, branch-level order handling, and delivery assignment features integrated with Google Maps for navigation.

### • Pahasara Edu - Learning Management System

2023

MongoDB, ExpressJs, ReactJs, NodeJs

- A learning management system designed to facilitate interactive education between teachers and students.
- Built core LMS features enabling material uploads, student access to learning resources, and role-based system management.

## Technical Skills and Interests

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**Languages:** C/C++, Python, Java, Javascript, PHP, HTML+CSS

**Runtime/Platforms:** NodeJs

**Libraries/Frameworks:** Spring Boot, ReactJs, ExpressJs, Bootstrap

**Tools:** VScode, IntelliJ, Git, GitHub Workflows, Postman

**Databases:** MongoDB, MySQL, PostgreSQL

**Design:** Figma, Canva

**Soft Skills:** Creativity, Leadership, Team Player, Positive Attitude, Self Learner

## Awards and Certifications

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- **Director's List for AY21, AY20, AY19**

University of Colombo School of Computing

- **Supervised Machine Learning: Regression and Classification**

Online

DeepLearning.AI & Stanford University

Aug 2024

- Machine Learning, Supervised learning & Hands-on experience through lab sessions.

- **AWS Educate Introduction to Cloud 101**

Online

Amazon Web Services (AWS)

2023

- Simple cloud applications in a virtual lab environment.

## Extra-Curricular Activities

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- **Engaged in Hackathons and Designathons**

University of Colombo School of Computing

- Finalist OpenHack 2.0
- Top 40 RealHack 4.0
- Top 50 – Cre8x

- **Baseball**

University of Colombo

- Captain of University team (2025)
- Champions in University Games (2024) & 2nd Runners up in University Games, SLUG (2025)
- University Colors Awardee for Inter-University Games (2023, 2024, 2025)
- Best Player of the Season (2023)

## References

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- **Dr. Chaminda Ranasinghe**

*Founder/Chief executive Officer at  
IDEAHUB (Pvt) Ltd &  
Senior Lecturer at University of Colombo  
School of Computing, Sri Lanka*

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- **Mr. Laksiri Fernando**

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