Hirun Mihisara Kariyawasam

| ⌂ Thimbirigasyaye, Colombo, Sri Lanka | ☎ (+94) 72 982 7098 | ○ hirun-GitHub |
✉ hirun08072002@gmail.com | in linkedin.com/in/hirun-mihisara | ⊕ hirun.dev |

Profile

Undergraduate in Computer Science seeking career opportunities as a Software Engineer where I can apply my technical skills and creative mindset to benefit the organization while learning new technologies and gaining professional experience.

Education

University of Colombo School of Computing, Sri Lanka   2023 – Present

    B.Sc. in Computer Science (CGPA:3.22)

Mahinda College, Galle   2018 – 2022

    G.C.E A/Ls 2021 - Combined Mathematics: B, Chemistry: B, Physics: A
    G.C.E O/Ls 2018 - 9 'A' passes

Project Experience

LEARNET — University Student Management Platform   Mar 2024 – Mar 2025

- Led a team of 4 in building a student platform used by over 100+ mock users, enabling real-time chat, academic scheduling, and social interaction. The system includes a real-time chat server, personalized folders, academic schedules, blog and forum features, and a social feed.

  Built a custom transpiler to bridge a simplified syntax with React for frontend development and Node.js for backend services, improving development efficiency across the team.
  Tech Stack: React, Node.js, MongoDB, WebSockets, Custom Transpiler

MERN HealthSlot — Doctor Appointment System   Sep 2024 – Nov 2024

- MERN HealthSlot is a full-stack doctor appointment booking system developed by two team members. It features patient-doctor scheduling, real-time availability management, and a secure admin panel for oversight. Built using the MERN stack with role-based authentication and a responsive user interface.
  Tech Stack: MongoDB, Express.js, React, Node.js, JWT, Tailwind CSS, Stripe

TRAVEL.LK – Travel Booking Platform   2025 May - Present

- Travel Planning App Created a web application enabling users to plan trips, find and request guides, rent vehicles with/without drivers, and book hotels. Built as an all-in-one travel solution with integrated booking and communication features.
  Tech Stack: React, Node.js, MongoDB, Tailwind CSS, AI/ML (Trip Generation), Admin Dashboard

CLEONE — Full-Stack eCommerce Platform (Outsourced Project)   2025 February - 2025 June

- Engineered Cleone as a fully responsive eCommerce web application for a real client, as part of a 3-member team. The platform delivered an eCommerce platform supporting 500+ product listings and 3 order fulfillment channels; deployed on AWS with Docker containers.

  The system supports both online and physical shop order management, with functionalities for product listing, order tracking, inventory control, and reporting. Built with a Spring Boot + React stack for the main site and a PHP-based admin panel.

  The project was deployed using Docker containers and hosted on AWS infrastructure.
  Tech Stack: React, Spring Boot, PHP, MySQL, Docker, AWS

JAVA Projects   *2023 - 2024*

- Developed *Pacman Game*, *Blackjack Game*, *Payroll System*, and *Bank Management System*.

- Gained expertise in **Java, JavaFX, OOP, MVC design patterns, and File I/O**.

Licenses and Certifications

Coursera / DeepLearning.AI
- **Machine Learning Specialization**   2025
- Completed 3-course program taught by Andrew Ng, covering core ML topics and practical implementations.
- **Supervised Machine Learning: Regression and Classification**   Jul 2025
- Explored linear/logistic regression, loss functions, regularization, gradient descent, and model evaluation.
- **Advanced Learning Algorithms**   Jul 2025
- Built neural networks using TensorFlow; applied decision trees, random forests, and boosting methods.
- **Unsupervised Learning, Recommenders, Reinforcement Learning**   Jul 2025
- Implemented clustering, PCA, anomaly detection; developed recommender systems and deep Q-learning models.

Amazon Web Services (AWS)
- **AWS Educate: Introduction to Cloud 101**   2023

HackerRank Certifications
- **CSS (Basic) Certificate**   2024
- **JavaScript (Basic) Certificate**   2024

Skills

Frameworks/Libraries: ReactJS, Next.js, React Native, Flutter, Spring Boot, Ballerina, .NET, Tailwind CSS, Bootstrap

Languages: C/C++, C#, Python, Java, JavaScript, TypeScript, Dart, HTML, CSS, PHP, SQL, Scala, R

Developer Tools: Git, GitHub Workflows, Docker, Nginx, Linux, VS Code, IntelliJ IDEA, Postman, Firebase CLI

Design: Figma, Canva

Cloud/DevOps: AWS, Firebase, Cloudinary

Databases: MySQL, PostgreSQL, MongoDB

Soft Skills: Collaboration, Analytical thinking, Adaptability, Communication, Innovation

AI Tools: GitHub Copilot, ChatGPT, Claude AI, and other generative AI assistants

Extra Curricular Activities

Cricket - University of Colombo   2023 – 2024

Actively engaged in regular cricket practice sessions at the University of Colombo, demonstrating commitment to physical fitness and a strong interest in team sports.

Elle - University of Colombo   2024 – 2025

Regularly participate in Elle practice sessions, fostering teamwork and athletic skills.

Cricket - Mahinda College, Galle   2012 – 2018

Consistently represented Mahinda College as a team member in the Under-13, Under-15, and Under-17 cricket teams, demonstrating long-term commitment, teamwork, and discipline in competitive school-level sports.

Volunteer Experience   2024

Volunteer, UCSC Career Fair 2024

References

Dr. Ajantha Athukorala
Director
University of Colombo School of Computing
aja@ucsc.cmb.ac.lk
+94 71 388 2929

Mr. Pubudu Liyanage
Head of Platned Sri Lanka
Senior Lecturer, University of Colombo School of Computing
Former VP, Human Resources – IFS Sri Lanka
pdl@ucsc.cmb.ac.lk