



RAVINDU ATHUKORALA

UNDERGRADUATE

WORK EXPERIENCE

Intern Software Engineer - Fcode Labs (Pvt) Ltd, Colombo

2024 Dec - 2025 June

- Developed full-stack features for an employee performance management system using NestJS, Next.js, and PostgreSQL, enabling efficient goal assignment and report generation for HR administrators.
- Developed an AI-powered educational platform with NestJS, Next.js, PostgreSQL, and RAG model, implementing user authentication, personalized content generation, and third-party API integrations to enhance learner engagement.
- Designed a blockchain-based solution for a sustainability-focused hackathon, conducting technical research and creating system architecture to address environmental challenges.
- Adapted to modern JavaScript frameworks and DevOps tools (e.g., Docker) in an Agile environment, improving code quality and deployment workflows.
- Overcame challenges in mastering monorepo structures, collaborating with senior engineers to deliver scalable and maintainable code.
- Engaged in daily Scrum meetings and sprint planning, strengthening teamwork, communication, and project management skills.

EDUCATION

Undergraduate - Bachelor of Science (BSc) in Computer Science

University of Colombo School of Computing - GPA - 3.3775
2022 - 2026

Completed Diploma in Information Technology (DITEC)

ESOFT Metro Campus

G.C.E. Advanced Level Examination - 2020

Sri Sumangala College, Panadura (Physical Stream)
C. Mathematics - A, Physics - B, Chemistry - B, Z Score - 1.6623

G.C.E. Ordinary Level Examination - 2016

Tissa Central College, Kalutara.
7 As, 2 Bs

ACHIEVEMENTS

Tech-Triathlon organized by Rootcode

2nd Runner Up - Team CodeRecon

IntelliHack NextGen Organized by UCSC

Finalist - Team CodeCrafters

CodeSprint 8.0 Organized by IIT

Finalist - Team Frontiers

RealHack 5.0 Organized by University of Kelaniya

1st Runner Up - FireHackers

CODEFEST 2023 Algothon Organized by SLIIT

Merit Award (4th Place) - Team Fire Hackers

IEEE Xtreme 17.0 Global Competitive Programming Hackathon

A Global Rank of 571 and An Island Rank of 41 - Team Fire Hackers

CodeRally 4.0 Organized by IEEE Computer Society of IIT

Finalist - Team Fire Hackers

CyberZee'23 Inter-University Cyber Security Quiz Competition Organized by UOK ISACA Student group

1st Runners Up - Team Fire Hackers

MADHack Mobile App Development Hackathon Organized by IEEE Student Branch of UCSC

Finalist - Team Bro Code

ABOUT ME

I am a third-year Computer Science undergraduate at the University of Colombo School of Computing with a strong passion for software engineering. My academic journey has equipped me with solid foundations in programming concepts, software development, database management, and software engineering processes. I thrive in environments that challenge me to innovate and solve complex problems.

Currently, I am working on projects that emphasize both backend and front-end development. I am eager to apply my technical knowledge and enthusiasm for learning to contribute to a dynamic team in the industry, where I can grow as a professional and help drive impactful solutions.

CONTACT

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LinkedIn

www.linkedin.com/in/ravindu-hasanka/

GitHub

<https://github.com/Ravindu-Hasanka>

Website

<https://ravinduhasanka.vercel.app/>

INTERESTED AREAS

- Frontend Development
- Backend Development
- Fullstack Development
- Generative AI
- Machine Learning
- Mobile App Development

REFERENCE

Mr. Gayan Rangana

Solution Architect I Mazing
+61 433 610 192
grudayakantha@gmail.com

Mr. Imesh Umayanga Perera

Associate Technical Lead I WSO2
+94 715 440 800
imeshuperera@gmail.com

SOFTWARE & PROGRAMMING SKILL

- JavaScript
- React
- NextJs
- NestJs
- Java
- SpringBoot
- Python
- C and C++ programming
- SQL
- MongoDB
- PostgreSQL
- Docker
- Jira
- Git / GitHub

PROJECTS

La Fresca - The Cafe Management System for Cafe Chain

The Café Management System is a platform designed to streamline daily operations for La Fresca's branches, integrating online and offline processes, enhancing efficiency and customer satisfaction.

Technologies Used: React Js, SpringBoot, MongoDB

StaffLink - Staff Transport Management System

StaffLink is a solution designed to streamline the process of staff transportation, providing island-wide services to transport service owners, drivers, and passengers.

Technologies Used: HTML, CSS and JavaScript for Web frontend, Java for Backend

Finforecast - Fintech Solution for Stock Market

FinForecast uses Artificial Intelligence and Machine Learning to provide investors with accurate, timely insights into the stock market. This technology eliminates the need for manual analysis and simplifies decision-making, making investing accessible and efficient.

Technologies Used: React Js, Fast API, MongoDB

VeriFire - Secure Interview Meeting Platform

VeriFire is a secure interview meeting portal where recruiters can set up secure, authentically verified meetings, and interviews with candidates to hire them across the globe conveniently.

Technologies Used: Next Js, Teachable Machine

KiddieEd - Kindergarten Learning Platform with Generative AI

This system will resolve the inaccessibility of proper early education for kids in Sri Lanka due to financial situations, geographical situations, etc. by eliminating their barriers. We are providing an interactive set of lessons and learning paths for kids to follow according to their preferences. Also, the learning programs' accessibility are categorized according to their desire.

Technologies Used: MongoDB, Express.js, React, and Node.js (MERN Stack)

EXTRA CURRICULAR ACTIVITIES

President of Pahasara UCSC Media Unit

University of Colombo School of Computing (2024 - Present)

Treasurer of ACM Student Chapter - UCSC

University of Colombo School of Computing (2024)

Organizing Committee Member of The SIGCHI Winter School 2024

Committee Member of ISACA UCSC Student Group

University of Colombo School of Computing (2023 - Present)

Member of IEEE Student Branch - UCSC

University of Colombo School of Computing 2023 - Present

DECLARATION

I do hereby declare that all the information given above is true and accurate to the best of my knowledge and belief.

Date : 8th October 2025


Signature