Dasun Thathsara

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A fourth-year Computer Science undergraduate at the University of Colombo School of Computing, with a strong interest in developing web applications and applying machine learning to real-world problems. Always eager to explore new technologies and contribute to impactful, innovative projects.

EDUCATION

University of Colombo School of Computing   2022 – Present
Bachelor of Science (Hons.) in Computer Science
- Overall GPA (current): 3.47/4.00

Royal College Panadura   2006 – 2020
Physical Science Stream
- A/L Z-score: 1.85 (2 A's and B with A for ICT)

PROJECTS

CoMind | *Azure OpenAI GPT-4.0, FastAPI, React (TypeScript + Vite), Firebase, JavaScript*   2025
- CoMind is an AI-powered platform that transforms backend creation into a collaborative process. Using a network of intelligent agents, CoMind designs, optimizes, and deploys complete backend systems from simple user descriptions. It empowers developers and teams to build scalable, secure infrastructures without writing code—redefining backend development through collective AI intelligence.

Shieldy | *Azure OpenAI GPT-4.0, FastAPI, React (TypeScript + Vite), Firebase, JavaScript*   2025
- Shieldy is an AI-powered browser extension and parental monitoring platform designed to protect children from cyberbullying and unsafe online behavior. It automatically detects and blocks inappropriate text inputs across web platforms while allowing parents to manage child accounts and monitor activity through an interactive dashboard.

La Fresca | *React, TypeScript, Vite, Spring Boot, MongoDB, Python, FastAPI, Swagger, Figma, Git*   2024
- La Fresca is an intelligent café chain management system that centralizes kitchen operations, store management, delivery handling, and both online and offline order processing. The platform enhances operational efficiency across multiple branches and leverages AI-powered stock prediction models to forecast inventory needs, ensuring smooth service and optimal resource utilization.

FinForecast | *FastAPI, Python, ReactJS, MongoDB, LangChain, Git*   2024
- FinForecast is an AI-driven stock prediction platform developed for the Colombo Stock Exchange (CSE). It provides accurate stock price forecasting, an interactive chatbot for accessing company financial insights, and advanced comparison tools that allow users to evaluate companies based on metrics such as profit, income, loss, and both predicted and current stock performance.

Sri Tel | *Spring Boot, KeyCloak, MySQL, MongoDB, Kafka*   2024
- Sri Tell is a fully integrated web and mobile platform that enhances customer experience through seamless account management, efficient billing services, and real-time service activation and deactivation. It also offers interactive chat support and personalized service options, providing users with a streamlined and convenient way to manage their telecom services.

eZpark | *PHP, CSS, HTML, MySQL, Git, Figma*   2023
- eZpark is an all-in-one parking management system that streamlines slot management, security coordination, merchant operations, and payment handling. Owners can track income and vehicle flow, hire registered security guards, and monitor real-time parking activity, while merchandisers manage their spaces and collaborate with nearby providers through integrated agreements and in-app chat.

KiddieEd | *React, Node.js, Express.js, MongoDB, Git, Figma*   2023
- KiddieEd is an interactive learning platform designed to make education engaging and enjoyable for children. It integrates games, video lessons, and creative activities to enhance learning through play, while a dedicated parent dashboard enables progress tracking and performance insights. With built-in gamification features, KiddieEd encourages motivation, consistency, and a fun learning experience for kids.

Awards and Recognitions

Data Crunch - Winner 2025
Data Science hackathon organized by Department of Computer Science & Engineering, University of Moratuwa

Tech-Triathlon - 2nd Runner Up 2024
Hackathon organized by Rootcode

IntelliHack NextGen - Finalist 2024
Inter-university AI hackathon organized by UCSC

CodeSprint 8.0 - Finalist 2024
Hackathon organized by IEEE Student Branch of IIT

RealHack 5.O - 1st Runners Up 2024
Hackathon organized by Software Engineering Students' Association & IEEE Student Branch, University of Kelaniya

RevolUX 3.0 - Merit Award (5th Place) 2024
A UI/UX competition organized by AIESEC in UOC in collaboration with the IEEE Student Branch of UCSC

CODEFEST 2023 Algothon - Merit Award (4th Place) 2023
Inter-university competitive programming competition organized by SLIIT

IEEE Xtreme 17.0 - A Global Rank of 571 and An Island Rank of 41 2023
Global Competitive Programming Hackathon

CodeRally 4.0 - Finalist - Team Fire Hackers 2023
A generative AI hackathon organized by IEEE Computer Society of IIT

Certifications

Introduction to Generative AI 2023
Google Cloud Skills Boost
AWS Educate Introduction to Cloud 101 2023
Amazon Web Services (AWS)
Introduction to git and GitHub 2023
Coursera

Volunteering and Positions of Responsibility

CSSL GenZ Student Chapter of UCSC 2025 – Present
- Vice Chairperson

UCSC ISACA Student Group 2023 – 2024
- Executive Committee Member

ACM Student Chapter of UCSC 2023 – 2024
- Membership Chairperson

IEEE Student Branch of UCSC 2022 – 2023
- Organizing Committee Member - Program - MadHack 2.0
- Organizing Committee Member - Logistic - IEEE Day '22

Skills and Interests

Languages: Java, Python, PHP, C, C++, C#, SQL, JavaScript

Developer Tools: Git, IntelliJ, VS Code, Figma, Postman

Frameworks/Tech Stacks: Spring Boot, MERN Stack, .NET CORE

Databases/Cloud: MySQL, MongoDB, PostgreSQL, AWS

Soft Skills: Communication, Problem Solving, Presentation

Areas of Interest: Image Generation, Cognitive Science, Machine Learning

References

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