



Agzaiyenth Ganaraj

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About

An CS undergraduate at IIT Sri Lanka with a strong foundation in software engineering, full-stack development, and scalable systems. Passionate about developing innovative AI-driven applications and leveraging cloud computing. A diligent problem-solver with strong critical thinking skills and a proactive mindset. Eager to learn, grow, and collaborate in dynamic environments while applying technical expertise to real-world challenges.

Experience

Software Engineering Intern, WSO2 LLC – Colombo

Jun 2025 – Present

- Developed and maintained features and integrations using Ballerina, ServiceNow , and WSO2 platforms for customer support and digital operations workflows.
- Worked on API integrations, authentication/authorization flows, portal enhancements, and performance optimizations across internal and customer-facing systems.

Freelancing, Psycode Lab's (PVT) LTD

Dec 2022 – Present

- Developed and deployed 25+ websites for diverse industries, ensuring high-quality delivery.
- Managed client expectations and provided technical consultations to optimize their business processes.

Projects

LEXi - Assistive Learning Platform for Dyslexic Individuals

github.com/agzaiyenth/LEXi

- Implemented CI/CD pipelines, reducing deployment time and increasing system reliability.
- Tools Used: React Native, Spring Boot, MySQL, Azure Services.

Zynera Connect - Business Networking Web Application

zyneraconnect.com

- Developed a web application for digital business networking and profile sharing.
- Tools Used: Next.js, TypeScript, Tailwind CSS, Supabase

LEXi - Marketing Website

github.com/agzaiyenth/LEXi-WEB

- Won Best Marketing Website for the SDGP Year.
- Tools Used: React, Next.js, Three.js

Dice Mobile Game

github.com/agzaiyenth/Dice-Mobile-Game

- Built a human vs. AI dice game.
- Designed interactive UI with smooth gameplay.
- Tools Used: Kotlin, Jetpack Compose

SDGP.lk - Open Source Project

sdgp.lk

- Initiated and Developed a scalable platform for showcasing SDGP projects, research, and initiatives.
- Integrated Asgardeo authentication for secure user login and access management.
- Tools Used: Next.js, TypeScript, Azure, Asgardeo

Education

University of Westminster (UK) - IIT Sri Lanka , BSc (Hons) Computer Science

Sept 2023 – Sep 2027

- Current Average: 84.2% across all modules.

BCS – Chartered Institute for IT , BSc (Hons) Computer Science

Sept 2021 – Sep 2023

- Completed HEQ, Diploma and PGD (in-progress)

- Commerce Stream - 3A's

Technical Skills

Programming Languages : Java, Python, TypeScript, PHP, Kotlin, Go

Database Management: MySQL, Postgress

Frameworks & Libraries: React, Next.js, Bootstrap, Tailwind CSS, Spring Boot, Jetpack Compose

Design & Prototyping: Adobe PS, Figma, Canva

Achievements

IEEEExtreme 17.0 Hackathon (24-hour coding challenge – Problem-Solving & Teamwork)

- Sri Lanka Rank #121 | IIT Rank #8 | Global Rank #1572

IEEEExtreme 18.0 Hackathon (24-hour coding challenge – Problem-Solving & Teamwork)

- Sri Lanka Rank #58 | IIT Rank #6 | Global Rank #7

Coderally 2024 (24-hour coding challenge – Problem-Solving)

- Ranked 6th place in a university level algorithmic coding competition.

Leadership & Community Contribution

Java Guild - Peer Mentorship Jan 2024 – Present

- Conducted structured online sessions on Java, Python & OOP principles, mentoring 1500+ students.
- Designed problem sets and led mock exams to prepare students for ICTs and final exams.

Technical Lead – HULT Prize Sri Lanka Feb 2025 – Present

- Led the technical development for Sri Lanka's only global startup competition.

Publications & Articles

Research Paper (In Progress)

LEXI: AI-Driven Dyslexia Learning Platform – Integrating Multiple AI Components with an Accessible UI/UX.

Blog Article

Heuristic Evaluation in UX: Ensuring Accessibility & Usability

Certifications

Software Development: WSO2 Certified IS Practitioner, Parallel and Concurrent Programming with Java 1, Spring Boot 2.0 Essential Training, Java (Hackerrank), JavaScript Intermediate (Hackerrank), SQL (Hackerrank), Software Engineer Intern (Hackerrank).

Cloud & Security: Microsoft Learn Student Ambassadors Cloud Skills Challenge on Azure Fundamentals, Introduction to Cybersecurity, Network Essentials (Cisco), Pentesting Principles (TryHackMe).

References

Mr. Banuka Athuraliya

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