

Kalana Anupama Hetti Arachchi Gamage

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GitHub :- [Amiru46](#) | LinkedIn :- [Kalana Anupama](#) | My Portfolio :- amiru46.github.io/Kalana_Anupama.github.io/

PROFILE

Motivated and versatile software developer with expertise in Java, Python, Spring Boot, JavaScript, and MySQL. Skilled in backend development, API integration, testing, debugging. Strong multitasking, problem-solving, and leadership abilities, with experience in supervisory roles, project execution, and delivering high-quality solutions.

EDUCATION

Higher Education IIT Sri Lanka (University of Westminster UK)

BSc (Hons) Computer Science Expected Graduation, Sep 2027

Completed Level 4 (Year 1) with a strong foundation in programming, problem-solving, and computer science principles. Proficient in software development, advanced programming, and web design, with experience in mathematical concepts, computer architecture, and industry trends.

Currently pursuing Level 5 (Year 2), with coursework in IT Security, object-oriented programming, and database systems. Gaining hands-on experience in client-server architectures, API development, and collaborative projects while deepening knowledge in algorithm design, complexity analysis, and secure system implementation.

Awaiting final results.

Foundation Certificate in Higher Education [IIT Sri Lanka]

Foundation Certificate in Higher Education Partially Completed , 2023

Developed essential knowledge and skills to prepare for undergraduate studies through modules such as Academic Skills in Higher Education, Mathematics for Computing, Digital Skills for Higher Education, and Working with Data. Gained a strong foundation in programming with Introduction to Programming and equipping me with the technical expertise needed for advanced studies.

School Level

G.C.E Ordinary Level (2018) G.C.E Advanced Level [MATHS STREAM] (2022)

Successfully completed GCE O/L with passes in all subjects. For GCE A/L, studied Mathematics, Chemistry, and Physics, and achieved passes in all subjects, providing a solid foundation in scientific and mathematical principles.

Programming Skills - Java, Python, JavaScript, HTML, CSS, React

Backend Development - Spring Boot, JPA (Java Persistence API), Hibernate, MySQL, REST APIs

Currently learning - Node.js, C#, C++, .NET, MongoDB

PROJECTS

Trip Planner And Market place App (Group)

Developed a mobile travel planning app using Flutter, Spring Boot, and MySQL, enabling travelers to seamlessly connect with vendors for transportation, accommodations, and rentals. Improved vendor engagement by integrating an advertising platform, expanding market reach. Enhanced user experience with an automated and manual trip planner, optimizing itineraries based on budget and preferences. Strengthened system reliability and security through JWT authentication and encrypted data storage, ensuring safe and efficient transactions.

Real-Time Ticketing System (Individual Project)

Developed a backend system using Java, Spring Boot, JPA, Hibernate, and MySQL, enabling efficient data management. Improved ticket sales processing by implementing a multi-threaded producer-consumer model, enhancing performance and concurrency handling. Designed a command-line interface (CLI) to facilitate seamless booking interactions, improving user accessibility. Ensured system reliability and robustness by conducting integration testing with JUnit and Spring Boot Test.

2D Java Game (Individual Project) [ongoing]

A 2D adventure game built in Java using JFrame, featuring a unique storyline and original characters. The game takes players on an immersive journey through a custom-designed world, blending engaging gameplay mechanics with rich storytelling. Players will navigate challenges, solve puzzles, and interact with diverse characters, all within a visually captivating 2D environment.

TWC Contacts Portal App (Individual Project) [ongoing]

Developed a full-stack contact management application with a React-based frontend and a Nest.js backend. The frontend was built using Vite for fast performance and styled with TailwindCSS for a modern UI. The backend API, developed with Node.js integrates MongoDB to manage user authentication, contact management, and database interactions, ensuring secure and efficient data handling.

5-in-1: Software Projects (Individual Project)

Developed five distinct applications using Python and Java, enhancing functionality and user experience across multiple domains. Designed and implemented a **Personal Finance Tracker in Python** to help users efficiently monitor expenses and savings. Built a **University Student Registration and Data Management System in Java**, streamlining student enrollment and academic data management. Created a **Python Pomodoro Timer with GUI** to improve productivity by integrating time management techniques. Developed a **Java Calculator App** using Swing, providing a user-friendly interface for performing basic arithmetic operations. Engineered a **Java Fuel Calculator** to optimize fuel consumption tracking, aiding users in making cost-effective travel decisions.

PROFESSIONAL EXPERIENCE

Onlinekade.lk Rajagiriya

Nov 2023 - Feb 2024

Supervised daily operations, leading a team of four to achieve company goals and enhance customer satisfaction. Improved efficiency through performance monitoring, feedback, and staff training. Resolved customer issues and ensured compliance with company policies for smooth workflow and service quality.

MN Aluminium and Fabricates

May 2024 - Feb 2025

Assisted in fabricating and installing aluminum structures, ensuring precision in measurements and material handling. Supported quality control to uphold high standards in finished products. Provided hands-on help with cutting, assembling, and welding while maintaining a safe and organized work environment.

PickMe Sri Lanka

May 2023 - Nov 2023

Delivered food orders efficiently while ensuring excellent customer service. Managed multiple deliveries, optimized routes, and maintained timely deliveries. Handled cash and digital payments accurately while developing strong time management, problem-solving, and adaptability skills in a fast-paced environment.

Certificates

- Certificates Of Completion Java Threads, Learning Spring 6 with Spring Boot 3, Programming Foundations Object-Oriented Design, React Essential Training, Spring Boot 2.0 Essential Training (LinkedIn Learning) - 2024
- Certificate in Learning Java 17 (LinkedIn Learning) - 2024
- Dual Certificate in English and Information Technology (Saegis campus) - 2019
- Certificate in Cloud Foundations for Aspiring IT Professionals (Next Gen Campus) - 2024

Key Competencies - Process improvement, Data-driven strategic planning, Proactive and self-motivated

Skills - Adobe Ps/Pr, Microsoft word, Microsoft PowerPoint, Microsoft Excel

REFERENCES

Ms. Sulochana Rupasinghe, Lecturer and Lecturer-In-Charge of Leo Club of IIT, Informatics Institute of Technology, No. 57, Ramakrishna Road, Colombo 06. 076 820 9889 sulochana.r@iit.ac.lk	Mr Induwara Samaranayaka Software Engineer Thakshana Technologies pvt Limited Parkway Building, Park Street, Colomba 2 0719122648 induwarasvg@gmail.com
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EXTRACURRICULAR ACTIVITIES

- Committee member at school science club, Lumbini college Colombo 5 (2022)
- Voice for voiceless Foundation
- Rajagiriya youth club