

# Gayanga Rukmal Bandara

📍 Kandy, Central Province, Sri Lanka 📞 +94752578200 ✉ [gr.gayangabandara@gmail.com](mailto:gr.gayangabandara@gmail.com) 📁 [Portfolio](#) 🌐 [LinkedIn](#) 🐙 [GitHub](#)

## SUMMARY

I am Final-year B.Sc. Software Engineering undergraduate with a strong foundation in Full-Stack Development, Cross-Platform Mobile Development and AI/ML. Dedicated to engineering scalable, user-centric solutions by integrating modern web technologies with intelligent AI capabilities and also, I am a proactive problem-solver committed to writing clean code and continuously adapting to emerging industry standards.

## PROJECTS

### SafeSpace Ecosystem

SLTC - Academic Research final year Project - [Link](#)

- Engineered a comprehensive mental health platform consisting of a Flutter mobile app and a React.js/TypeScript Admin Dashboard.
- Built a robust Python FastAPI backend integrating Groq LLM to deliver real-time AI sentiment analysis and automated crisis intervention.
- Utilized Supabase for scalable PostgreSQL database management, secure authentication, and real-time data synchronization between patients, doctors, and administrators.

### Master Designer v2.0

SLTC Media unit organizing All Island Design Competition - [Link](#)

- Developed the official immersive web platform for the All-Island Design Competition, Sri Lanka's premier creative event.
- Engineered interactive 3D elements and high-performance animations using WebGL and custom CSS3 to deliver an engaging user experience.

### Finance Tracker Pro

Financial Management platform - [Link](#)

- Built a robust financial management platform featuring a real-time dashboard for tracking income, expenses, and net balance.
- Implemented secure authentication and cloud-based database services to ensure instant data synchronization across all devices.

### Serendib Games Blog

Cloud-based gaming content platform - [Link](#)

- Built a cloud-based gaming content platform featuring a fully responsive user interface to ensure seamless navigation across all devices.
- Integrated a real-time, trained AI chatbot to deliver instant, interactive visitor engagement and automated responses to user queries.

## EDUCATION

### BSc (Hons) in Software Engineering

2022 - 2026

SLTC Research University, Padukka

### English and Information & Communication Technology Diploma

2019 - 2020

ICBT Campus, Kandy

### G.C.E. Advanced Level Examination

2019

Nugawela Central College, Kandy

### Information Technology (MS-Office & Graphic Designing)

2017

Vidunena Higher Education Foundation, Kandy

## CERTIFICATIONS

UX Design and Evaluation, Software Development Foundations – **Edx**

Jira SCRUM Project, Google Advanced Data Analytics Capstone, Connect and Protect: Networks and Network Security, Database Structures and Management with MySQL, Agile Project Management, Advanced React, Programming with JavaScript – **Coursera | Google**

Programming in Python, Web Design for Beginners – **University of Moratuwa**

Introduction to Machine Learning US – **Great Learning**

## INVOLVEMENT

<b>Lead Web Developer</b>	2024
SLTC Research University – Master Designer V2.0 Media unit	
<b>Lead Web Developer</b>	2024
SLTC Research University – Lethalbots Robotics Competition Technology Faculty	
<b>Design Team Member</b>	2023
SLTC Research University – Ideanix Generation 01 IEEE Computer Society	
<b>Program Team Member</b>	2023
SLTC Research University – Career Fest 2023 IEEE Computer Society	

## SKILLS

**Languages:** Python, JavaScript, TypeScript, HTML, CSS, C, C++, Java, Dart, SQL, Haskell

**Technologies:** React, Next.js, Flutter, Node.js, Express.js, SpringBoot, Bootstrap, FastAPI, Flask, SQLAlchemy, Redux, Zustand, Axios, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy

**Databases:** MongoDB, MySQL, PostgreSQL, Supabase, Firebase, Oracle DB

**Tools & Platforms:** GitHub, GitHub Actions (CI/CD), Docker, Linux, VS Code, Android Studio, Google Colab, WebSocket, REST APIs, Postman, Jupyter Notebook, Figma, Vercel, Render, Hostinger

**Concepts & Math:** NLP, LLMs, Transformers, Supervised Learning, Model Evaluation, Feature Engineering, Linear Algebra, Probability, Calculus, Discrete Mathematics

**Soft Skills:** Tactical Problem-Solving, Communication & Team Collaboration, Creativity & Adaptability, Time Management

## REFERENCES

Sanika K. Wijayasekara, PhD + 94 70 452 9932 <a href="mailto:sanika.w@sltc.ac.lk">sanika.w@sltc.ac.lk</a> Dean, Faculty of Computing, Sri Lanka Technology Campus SLTC, Padukka, Sri Lanka.	Chamathkara Yasisuru Platform Specialist Dialog Axiata PLC <a href="mailto:chamathkara.yasisuru-ms@dialog.lk">chamathkara.yasisuru-ms@dialog.lk</a> <a href="http://www.linkedin.com/in/chamathkara-yasisuru-3101341b2">http://www.linkedin.com/in/chamathkara-yasisuru-3101341b2</a>
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