

ISIVARA RAJAPAKSE

Software Engineering Undergraduate

-  +94717926050
-  isivara2021@gmail.com
-  [linkedin/isivararajapakse](https://linkedin.com/in/isivararajapakse)
-  [github/isivararajapakse](https://github.com/isivararajapakse)
-  [portfolio/isivara.dev](https://portfolio.isivara.dev)
-  Colombo, Sri Lanka

Summary

Software Engineering undergraduate at the University of Sri Jayewardenepura pursuing a Bachelor of Computing (Honours) in Software Engineering. Full-stack developer experienced in MERN stack development, Flutter mobile applications, REST API development, and database management. Experienced in building client based and personal projects involving web and mobile applications. Also interested in desktop application development, along with AI and machine learning solutions and modern software engineering practices.

Skills & Interests

- **Programming Languages:** JavaScript, TypeScript, Python, Dart, C#, HTML5, CSS3
- **Frontend Development:** React.js, Next.js, Tailwind CSS, Angular, Responsive Web Design, Figma
- **Backend Development:** Node.js, Express.js, FastAPI, RESTful APIs, .NET
- **Mobile Development:** Flutter, Android Studio
- **Databases:** MongoDB, Supabase, MySQL, SQLite
- **AI & Data Science:** Scikit-learn, TensorFlow, Keras, Pandas, NumPy, OpenCV, Jupyter Notebook
- **Tools & Platforms:** Git, GitHub, Docker, Cloudinary, Vercel, Netlify, Render, Railway
- **Soft Skills:** Team Collaboration, Problem Solving, Communication, Adaptability, Attention to Detail

Projects

Chelinko – Industrial Solutions Website & Management System

[Project Link](#) | [Live Website](#)

- Developed a MERN-based industrial solutions platform with 4+ modules including product catalog, project showcase, gallery, and contact management, featuring responsive design and cloud-based media handling.
- Built an admin management system with CRUD operations and integrated 10+ REST API endpoints to streamline data management, improve consistency, and enhance platform efficiency.
- **Technologies:** MongoDB, Express.js, React.js, Node.js, Tailwind CSS, Cloudinary, JWT Authentication, REST APIs.

ISIRO Steel Industries – MERN Business Website & Admin System

[Project Link](#) | [Live Website](#)

- Developed a full-stack MERN business website with 4+ modules including product listings, news management, gallery, and responsive customer-facing pages with integrated admin functionality.
- Built an admin dashboard with CRUD operations, cloud-based image uploads, and RESTful API integration to enable efficient content management and structured data flow.
- **Technologies:** MongoDB, Express.js, React.js, Node.js, Cloudinary, JWT Authentication, REST APIs

Apex Analytics – AI-Powered Gym Progress Tracker

[Project Link](#) | [Live Website](#)

- Built a full-stack gym tracking platform with workout logging, progress analytics, and an AI fitness assistant.
- Developed a secure ASP.NET Core Web API and responsive Angular frontend using PostgreSQL with JWT authentication.
- **Technologies:** ASP.NET Core, .NET 10, Angular 20, TypeScript, PostgreSQL, Supabase, Entity Framework Core, JWT, Groq API

Trade Analyzer Mobile App – ML-Based Trade Prediction & Analysis Platform

Project Link

- Developed a full-stack AI-powered trade analysis mobile application featuring trade journaling, performance analytics, and machine learning-based trade outcome prediction.
- Designed and integrated a Scikit-learn Logistic Regression model with a Python FastAPI backend to provide real-time trade success probability predictions through REST APIs.
- **Technologies:** Flutter, Dart, Python, FastAPI, Scikit-learn, Logistic Regression, Pandas, NumPy, SQLite (Drift ORM), REST APIs, HTTP.

Education

BComp (Hons) in Software Engineering

2023 - Present

Faculty of Computing, University of Sri Jayewardenepura

GPA: 3.46

G.C.E. Advanced Level Examination

2021/2022

Bandaranayake College, Gampaha

Results: ABC

Experiences

Secretary

2026 - Present

Flair Club – University of Sri Jayewardenepura

- Lead administrative coordination within a 30+ member executive board, ensuring clear communication, structured workflow, and smooth execution of responsibilities.
- Maintain accurate documentation with strong attention to detail and support coordination of 15+ events across teams.

Editor

2025 - 2026

Flair Club – University of Sri Jayewardenepura

- Managed editorial content and contributed to 200+ publications with consistent quality.
- Support event coordination and collaborate with team members for smooth club activities.

Lead Student Instructor

2022 - 2023

SASIP Institute, Nugegoda

- Supported classroom activities and assisted instructors in managing classes for 1000+ students.
- Assisted in coordination and classroom management across 3 student batches.
- Strengthened leadership, communication, and organizational skills through 1+ year of academic support experience.

Language Skills

- **Sinhala** – Native

- **English** – Working Proficiency

References

Dr. Buddhitha Hettige

Senior Lecturer

Faculty of Computing

University of Sri Jayewardenepura

budditha@sjp.ac.lk

Mrs. Chathurangani Thennakoon

Senior Career Advisor

Career Guidance Unit

University of Sri Jayewardenepura

chathu@sjp.ac.lk