



Ravindu Wanasinghe

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Home: Rajawardana niwasa, Helamada, 71000 Kegalle (Sri Lanka)

EDUCATION AND TRAINING

BSc (Hons) in Information Systems

Sabaragamuwa University of Sri Lanka [01/07/2024 – Current]

City: Belihuloya | **Country:** Sri Lanka | **Level in EQF:** EQF level 6

Software Architecture, Object-Oriented Design, Web Development, Database Management Systems, Digital Forensics, Data Structures & Algorithms

G.C.E. Advanced Level (Physical Science)

Kegalu Vidyalaya, Kegalle [01/01/2019 – 31/12/2021]

City: Kegalle | **Country:** Sri Lanka | **Level in EQF:** EQF level 4

Combined Mathematics, Physics, Chemistry

SKILLS

Python (computer programming) / TypeScript / JavaScript / Java (computer programming) / SQL / Javascript (React.js) / Vite / CSS / Tailwind CSS / State Management / Responsive Web Design / REST API Integration / Spring Boot / Spring Security / Node.js / Express / RESTful APIs / JWT Authentication / Hibernate ORM / Multi-Agent Systems / RAG Pipelines / ChromaDB / Gemini API / Groq / DeepSeek-R1 / Ollama / MySQL / Git / GitHub / Docker basics / Postman / Linux CLI / Cloud Deployment

LANGUAGE SKILLS

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PROJECTS

ShadowSense Aurora - AI Anti-Scam Overlay Role: Team Lead (1st Runner-Up at AURORA 2026 AI Ideathon)

- Architected a privacy-focused intelligent browser layer designed to shield freelance developers from sophisticated phishing and escrow fraud on Upwork and Fiverr.- Orchestrated a multi-agent consensus pipeline with 4 AI agents running on Groq, Gemini 2.0 Flash, and local DeepSeek-R1 via Ollama.- Implemented RAG-assisted contextual risk analysis backed by ChromaDB vector similarity search to cross-reference emerging fraud vectors.- Directed technical

architecture and coordinated rapid agile sprints to deliver a deployable MVP within competition constraints.
Tech Stack: Python, Fast-Inference APIs (Groq, Gemini), ChromaDB, Ollama, DeepSeek-R1, Multi-Agent Architecture``

Link: <https://github.com/thimira20011/ShadowSense-2026-Aurora>

Galagama Gems - Full-Stack E-Commerce & AI Marketplace Role: Full-Stack / AI Developer

- Built an end-to-end digital marketplace platform featuring dynamic catalog filtering, real-time bidding, and client-side 3D jewelry customization.- Integrated an LLM-driven conversational advisory agent for automated gemstone identification, valuation estimation, and market trends.- Engineered type-safe frontend views using React and Tailwind CSS, consuming secure backend REST endpoints.

Tech Stack: TypeScript, React, Tailwind CSS, Node.js, AI Integration, RESTful Web Services``

Links: <https://lnkd.in/p/gyDxUxMn> | <https://github.com/RavinduWanasinghe0524/Galagama-Gems>

V-Mas Role: Full-Stack Developer

- Developed an enterprise web application to track vehicle lifecycles, schedule preventive maintenance, and manage operational expenditures.- Implemented secure role-based access control (RBAC) and stateless JWT user authentication with Spring Boot and Spring Security.- Designed normalized relational schemas in MySQL with Hibernate ORM and built data export pipelines for automated Excel/PDF generation.

Tech Stack: Java, Spring Boot, Spring Security, MySQL, Hibernate, React, Vite, Tailwind CSS``

Links: <https://github.com/RavinduWanasinghe0524/V---Mas> | <https://lnkd.in/p/gPMcKiG3>

[Current]

TrueTrace - Digital Document Forensic Analyzer Role: Developer

- Created an image verification tool to detect tampered financial records, invoices, and government identification cards.- Applied computer vision routines including Error Level Analysis (ELA), high-frequency noise variance, and metadata integrity checks.

Tech Stack: Python, Computer Vision / ELA, Image Processing, Digital Forensics

Link: <https://github.com/RavinduWanasinghe0524/TrueTrace>

HONOURS AND AWARDS

AURORA 2026

1st Runner-Up - AURORA 2026 National AI Ideathon Write here the description...Awarded 1st Runner-Up at the national level for developing 'ShadowSense Aurora', an intelligent multi-agent AI anti-scam browser layer.

Link: <https://lnkd.in/p/gBePUdNG>

[29/08/2026] Google for Education

Gemini Certified Student Certified by Google for Education for demonstrating foundational proficiency and practical understanding of Gemini generative AI tooling and workflows.

Link: <https://lnkd.in/p/ehvVEtPV>

[04/09/2026] Simplilearn SkillUp

Introduction to Artificial Intelligence Successfully completed coursework covering fundamental principles of Artificial Intelligence, including core AI paradigms, search algorithms, and intelligent systems.

Link: <https://lnkd.in/p/eKxMd86v>

[12/09/2026] Simplilearn SkillUp

Introduction to Prompt Engineering Completed training on the foundations of prompt engineering, covering techniques for optimizing LLM inputs, structured prompting, and generative AI interaction workflows.

Link: <https://lnkd.in/p/e4rQhqKK>

[23/09/2026] Simplilearn SkillUp

Machine Learning Using Python Completed practical coursework on Machine Learning fundamentals using Python.

Link: <https://lnkd.in/p/g6qffWiE>

SOCIAL AND POLITICAL ACTIVITIES

Sabaragamuwa University of Sri Lanka

Program Team Member - IEEE Student Branch, SUSL - Managed technical event platforms, tracks, and competitor communications for SabraXtreme 3.0.- Coordinated participant workflows and technical logistics during the competition series.

Link: https://lnkd.in/p/egVyWF_n

Sabaragamuwa University of Sri Lanka

Treasurer – Project Green Sprout (Rotaract Club of SUSL) - Oversaw project budget planning, expenditure auditing, and accountability reports for community initiatives.- Managed fund allocations, expenditure records, and financial documentation.

Link: <https://lnkd.in/p/gkJuJa8j>

RECOMMENDATIONS

Name: Mr. YMS Tharaka | Lecturer (Probationary)

Academic referee and Lecturer (Probationary) at Sabaragamuwa University of Sri Lanka, overseeing degree coursework and evaluating academic performance in Information Systems.

Email: sachin@foc.sab.ac.lk | Phone number: (+94) 776308309

Name: Mr. Chathura Manohara | Associate Tech Lead

Professional referee and Associate Tech Lead at Omobio (Pvt) Ltd, providing technical mentorship, engineering evaluation, and software industry guidance.

Email: chathura.manoharas@gmail.com | Phone number: (+94) 702534588