

RUKMIN THARANGA

Undergraduate | Web Developer

PROFILE SUMMARY

Undergraduate IT student specializing in full-stack web development, with hands-on experience in JavaScript, React, and Django. Skilled in building responsive, interactive applications and integrating RESTful APIs. Strong foundation in networking, databases, and machine learning. Seeking an internship to apply technical expertise and contribute to real-world projects.

CONTACTS

Phone:	+94 78 864 4788	Location:	Gampaha, Sri Lanka
Email:	rukmintharangaofficial@gmail.com	LinkedIn:	https://www.linkedin.com/in/rukmin-tharanga
GitHub:	https://github.com/Tharanga8888	Portfolio:	https://tinyurl.com/b32w8ded

TECHNICAL SKILLS

- HTML, CSS, JavaScript, jQuery, React
- Tailwind CSS, Bootstrap
- Node.js, Express.js, Django, FastAPI, PHP, RESTful APIs
- Git, GitHub, Postman
- MySQL, PostgreSQL, SQLite, MongoDB
- Python, Java, C++
- Machine Learning (scikit-learn, NumPy, Pandas, Matplotlib)
- OOP, Data Structures & Algorithms
- IoT & Embedded Systems
- Networking (Cisco Packet Tracer, Wireshark)

PROJECTS

Enhancing Working Memory through Adaptive Exercises (Django, Hugging Face, Python, JavaScript)

- Developed a Django-based cognitive training tool with Hugging Face NLP models.
- Implemented dynamic difficulty adjustment, gamification, and real-time feedback, improving engagement.

Movie Search Engine Website (React, TMDb API)

- Engineered a React web app with TMDb API integration for real-time movie data.
- Added search, filtering, and personalized favorites management, enhancing user interactivity.

Full Stack Realtime Chat App (MERN, Socket.io, TailwindCSS, Zustand)

- Built a full-stack chat application with JWT-based authentication and authorization.
- Implemented real-time messaging, online user status, and global state management with Socket.io and Zustand.
- Deployed the app with optimized error handling for both client and server.

Weather App (React, TailwindCSS, OpenWeather API)

- Developed a responsive weather web app with animated UI and glassmorphism effects.
- Integrated OpenWeather API to display real-time weather conditions, and dynamic icons/emojis.
- Implemented features like city search, input validation, temperature unit toggle (°C/°F), and error handling for better user experience.

Interactive Web Code Editor (React, Ace Editor, LocalStorage)

- Built a browser-based code editor supporting HTML, CSS, and JavaScript with real-time preview.
- Integrated Ace Editor with tabbed editing, syntax highlighting, and sandboxed iframe preview.
- Implemented project persistence using JSON export/import and LocalStorage.

EDUCATION

- G.C.E. Advanced Level (2019)** — Bandaranayake College Gampaha
Physical Science Stream
- BIT (Hons) in Networking & Mobile Computing** — Horizon Campus, Malabe (Expected Graduation: 2026)
Relevant Coursework: Web Development, Networking, Machine Learning, Database Management