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, JavaScript, 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.

PERN Stack Web App (PostgreSQL, Express, React, Node, TailwindCSS)
- Developed a full-stack application with a PostgreSQL database and RESTful API using Express and Node.
- Integrated rate limiting and bot detection for enhanced security.
- Designed a responsive frontend with React, Zustand, and TailwindCSS, ensuring smooth state management.

MERN Stack Note Taking App (MongoDB, Express, React, Node, Redis)
- Created a note-taking application supporting CRUD operations with MongoDB and Express.
- Implemented rate limiting with Upstash Redis for performance and security in real-world scenarios.
- Built a responsive React frontend with REST API integration, improving usability and scalability.

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

Additional Information

Reference available upon request.