Tharushi N. Karunarathna

Full-stack Developer

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💼 LinkedIn   GitHub

Professional Summary

Passionate React.js developer and IT student with hands-on experience building modern web applications and management systems. Proficient in React.js, Node.js, PHP, and full-stack development with a strong foundation in JavaScript ES6+, component lifecycle, and state management. Experienced in both frontend and backend development with proven ability to deliver complete web solutions. Eager to contribute to innovative projects while gaining real-world experience in collaborative development environments.

Education

BSc (Hons) in Information Technology   Expected 2026
Horizon Campus, Malabe, Sri Lanka   **Current GPA: 3.79**
Relevant Courses: Web Development, AI & Machine Learning, System Integration, DB Management

Advanced Level Education   2019-2020
R/Anura Maha Vidyalaya   Results: A, B, C (2020)

Certifications & Learning

- **AI/ML Engineer – Stage 1**, SLIIT (Aug 2025)
- **Graphic Design Essentials**, Canva (Jan 2025)
- **Advent of Cyber 2024 Certificate**, TryHackMe (Dec 2024)
- **IT Essentials**, Cisco (Dec 2024)
- **Social Media Bots with Python**, Udemy (Dec 2024)
- **WordPress for Beginners: Step by Step Tutorial**, Eduta.org (Dec 2024)
- **Digital Marketing Professional Certification**, IMTF (Sep 2024)
- **Learn UI/UX with Adobe XD and Figma**, Udemy (Aug 2024)
- **Javascript Practicals Crash Course**, Udemy (Jun 2024)
- **CRISC 101 - Certified in Risk Info Systems**, Udemy (Jan 2024)
- **Ethical Hacking: Web Enumeration**, Udemy (Jan 2024)
- **Learn MySQL - For Beginners**, Udemy (Sep 2023)
- **Web Hosting Basics**, Udemy (Jun 2023)

Publications & Contributions

"Linux Networking Tools for Beginners"   Feb 2025
Medium Publication - View Article
Comprehensive tutorial covering essential Linux networking tools and commands for system administrators and developers.

Key Projects

🚀 BrandyBot - AI-Enhanced Branding Toolkit

React.js — Node.js — FastAPI — Stable Diffusion

- Developed a full-stack AI-powered branding platform with logo generator, brand guidelines, mockups, and interactive chatbot.

🏪 Oven Crust Bakery Management System

PHP — MySQL — HTML5 — CSS3 — JavaScript

- Built a complete bakery management system including website, admin panel, product catalog, and order tracking.

</> Portfolio Website

React.js — Vite — Tailwind CSS — ShadCN/UI

- Created a modern responsive portfolio showcasing projects and GitHub contributions with reusable React components.

📱 HerVoice Mobile App

Android Studio — Java — Firebase

- Developed an emergency alert app with real-time location tracking, SMS alerts, and secure Firebase authentication.

📈 Machine Learning Projects

Python — TensorFlow — Data Analysis

- Built predictive ML models for academic risk and mental health trend analysis with preprocessing, training, and evaluation.

🖥 Daily Mirror Website Redesign (Group Project)

Figma — HCI — UX/UI Design

- Redesigned selected pages of DailyMirror.lk with low- and high-fidelity mockups to improve UX/UI. View Design

Technical Skills

Frontend Development	React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Responsive Design
Backend Development	Node.js, PHP, FastAPI, REST APIs, Redux/Context API
Database Management	MongoDB, MySQL, Firebase
Development Tools	Git, GitHub, Vercel, Render, Vite, Android Studio
AI/ML Integration	TensorFlow, OpenAI API, Stable Diffusion, Data Analysis
Programming Languages	JavaScript, Python, Java, PHP
UI/UX Design	ShadCN/UI Components, Modern Design Patterns
System Administration	Linux, Networking Tools, System Integration

Extra-Curricular Activities & Leadership

- **Member, Horizon IT Society (HITS)**   2022-Present
  Active participant in technology workshops, coding competitions, and peer learning sessions
- **School Prefect**   2019-2020
  R/Anura Maha Vidyalaya - Demonstrated leadership and responsibility in school governance
- **Productivity Committee Member**   2019-2020
  R/Anura Maha Vidyalaya - Contributed to improving school efficiency and student productivity

References

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