

SATHEEM MUWAFFAQ

Full-Stack Developer

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Professional Summary

Self-taught Full-Stack Developer with hands-on experience building real-world applications serving 700+ users. Purpose-driven learner who approaches challenges by understanding problems deeply before implementing solutions. Experienced in React, Python, Django, Tailwind CSS, and MySQL with proven ability to learn new technologies rapidly through project-based development. Linux power user (Arch) with strong problem-solving skills and a track record of delivering impactful solutions. Passionate about contributing to innovative startups while continuously expanding technical expertise through practical application.

Projects

Student Management System — *PHP, MySQL, JavaScript, Bootstrap, jQuery* **Jul 2024 – Aug 2024**

- Developed a comprehensive student management system for T/Kinniya Al-Aqsa National School serving 700+ students with user authentication and role-based access control for students and administrators.
- Implemented CRUD operations for exam results management with secure admin panel and public result release system used during official school event, receiving recognition from school administration.
- Led project management using GitHub and Notion, coordinating with ICT mentor and teammate for social media handling and result entry, completing the full-stack application in 1.5 months.
- Architected database schema and developed responsive frontend using Bootstrap, ensuring seamless user experience across devices for result viewing and management.

Kinniya Innovation Hub Website Redesign — *React, TypeScript, Tailwind CSS*

Jun 2024

- Redesigned the complete UI/UX for Kinniya Innovation Hub's website as a volunteer contributor, implementing modern design principles with Tailwind CSS for improved user experience and visual appeal.
- Collaborated with existing React and TypeScript codebase to deliver a responsive, accessible interface that enhanced the organization's online presence and community engagement.

AI Video Script Writer — *React, Node.js, Express, Material-UI, Gemini API*

Mar 2024

- Built an MVP web application in one day leveraging Gemini AI API to generate professional video scripts for YouTube, TikTok Shorts, and corporate videos, demonstrating rapid prototyping abilities.
- Developed full-stack solution with React frontend and Node.js/Express backend, self-learning backend technologies through AI-assisted research to deliver functional product quickly.

E-commerce Platform for Perfume Store — *WordPress, WooCommerce, Hostinger*

Jan 2025

- Built custom WordPress e-commerce website (aagi.lk) for family perfume business from scratch, managing complete setup including domain registration, hosting configuration on Hostinger, and site deployment.
- Configured WooCommerce for product management, payment integration, and order processing, delivering a fully functional online store with responsive design.

Personal Development Projects — *React, Tailwind CSS, JavaScript*

2024 – Present

- Task Manager (React): <https://task-manager-react-brown.vercel.app/> — Full-featured task management application with CRUD operations and local storage persistence.
- Note Taking App (React): <https://note-app-seven-chi.vercel.app/> — Lightweight note-taking application demonstrating React state management and responsive design.

- Python Practice Repository: Documented solutions to programming challenges, demonstrating continuous learning and problem-solving approach.
- Dotfiles Repository: Custom Arch Linux configuration with Hyprland and Waybar, showcasing Linux system administration skills and automation capabilities.

Experience

Vitsynk (formerly Code for Everything)

Co-Founder & Lead Instructor

Aug 2024 – May 2025

Kinniya, Sri Lanka

- Co-founded tech education startup providing web development training, branding, graphic design, and tech support services with a vision to "teach and hire" local talent in underserved community.
- Delivered paid Python programming course to HND IT student over 3 weeks (Nov 15 – Dec 5, 2024), covering fundamentals through data structures and error handling with hands-on problem-solving approach.
- Taught web development fundamentals (HTML/CSS) to 5 students, designing curriculum and managing all instructional content before pausing operations due to scheduling conflicts.
- Identified market gap in local tech education and developed business model addressing community's resistance to continuous learning and innovation.

T/Kinniya Al-Aqsa National School

Volunteer Instructor

Jun 2024 – Jun 2024

Kinniya, Sri Lanka

- Conducted one-day introductory web development workshop for 24+ students as part of evening work guidance program, introducing fundamental concepts and inspiring interest in technology careers.
- Designed engaging curriculum covering web development basics, career pathways in tech, and practical demonstrations to help students understand opportunities in software development field.

Technical Skills

- **Frontend Development:** HTML5, CSS3, JavaScript (ES6+), React, Tailwind CSS, Bootstrap, Responsive Design
- **Backend Development:** Python, Django (learning), PHP, Node.js/Express (basics), RESTful APIs
- **Database Management:** MySQL, Database Design, SQL Queries
- **Development Tools:** Git, GitHub, Visual Studio Code, Chrome DevTools, Postman
- **Linux & System Administration:** Arch Linux (Advanced), Ubuntu, Hyprland, Waybar, Bash Scripting, System Configuration
- **CMS & Platforms:** WordPress, WooCommerce, cPanel, Hostinger
- **AI & APIs:** Gemini API, API Integration, Third-party Services
- **Project Management:** GitHub Projects, Notion, Agile Methodology, Team Coordination
- **Soft Skills:** Problem-Solving, Self-Learning, Teaching & Mentoring, Project Leadership, Cross-functional Collaboration

Education

University of Colombo School of Computing

Bachelor of Information Technology (BIT)

Expected 2026 – 2029

G.C.E. Advanced Level

Completed - Results Pending

2023 – 2025

G.C.E. Ordinary Level

Passed with 2A, 4B, 3C

2020

Certifications

- Web3 Decoded – Kalp Studio (August 2024)

Community Involvement

- **Git Workshop Participant:** Attended online Git version control workshop hosted by Kinniya Innovation Hub (December 2024), enhancing collaborative development skills.
- **Open Source Contributor:** Contributed to Kinniya Innovation Hub website redesign project, collaborating with team on React/TypeScript codebase.
- **Tech Education Advocate:** Conducted web development introduction session for 24+ students, promoting technology education in local community.

Languages

- **English:** Proficient in reading and writing, intermediate proficiency in speaking
- **Tamil:** Native speaker