

PASAN ATHULUWAGE

SOFTWARE ENGINEER | FULL STACK DEVELOPER



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SUMMARY

Software Engineering undergraduate with hands-on experience in full-stack web and mobile application development using React, Flutter, Node.js, Firebase, and REST APIs. Passionate about approaching software development from a solution design perspective, focusing on creating user-centered and impactful digital products that address real-world challenges. Skilled in backend development, cloud deployment, and modern UI/UX implementation, with strong problem-solving abilities and experience delivering practical software solutions through collaborative and innovative thinking.

WORK EXPERIENCE

Co-Founder | Solution Designer | DevOps - ApeakStrategy 2026 – Present

- Co-founded a digital solutions and marketing company delivering web, mobile, and branding services for multiple clients.
- Designed and developed full-stack applications including business websites, platforms, and mobile solutions across different industries.
- Led solution design, system architecture, DevOps operations, hosting, and server management for production systems.
- Developed an EV charging platform with OCPP integration and 60kW high-power charger connectivity for real-world deployment.
- Managed API development, cloud deployment, database systems, and end-to-end software delivery lifecycle.

Software Engineering Intern - Hasthiya IT Feb 2025 – Feb 2026

- Developed full-stack web applications using React.js, Node.js, Express.js, Firebase, and MySQL.
- Implemented REST APIs, authentication workflows, real-time chat, push notifications, and payment integrations.
- Improved responsive UI/UX design and collaborated with Agile/SCRUM teams on multiple production projects.
- Contributed to deployment, debugging, API testing, and Git/GitHub-based development workflows.

EDUCATION

B.Sc in Information Technology and Management 2022 - PRESENT

University of Moratuwa

- Current GPA: 3.75
- Dean's List: L2S2

Full Stack & Mobile Development Course 2022 – 2023

Miha Institute

- Full-stack development using modern web and mobile technologies

G.C.E. Advanced Level (2020) 2012 – 2020

Taxila Central College - Horana

- Physical Science Stream

PROJECTS

Intelligent Long Jump Injury Prediction System

Final Year Research Project (Ongoing)

- Developing a Mobile-sensor based system with machine learning for biomechanical analysis and injury risk prediction with real-time feedback.

HoofHub – Horse Ride Tourism Platform

3rd Year Individual Project - 2025

- Built a booking-based tourism platform with fixed pricing, user-rider interaction, and payment workflow to improve transparency in horse ride services.

Lanka EV Plus – EV Charging & Mobility Platform

Oct 2025 - April 2026

- Developed a full-stack EV charging system with mobile app, admin panel, and web platform integrating 60kW chargers, real-time availability and API backend.

Classified Advertisement Platform (Industry Project)

2nd Year Group Project - 2024

- Built a full-stack Laravel & MySQL marketplace with product listing, bargaining system, authentication, admin panel, and cPanel deployment using Bitbucket version control.

Glance – Proximity-Based Social Discovery Platform

UX Concept Project (Ongoing)

- Designed an emotionally intelligent social platform using behavioral psychology, enabling proximity-based discovery, consent-driven interaction, and privacy-first user experience.

CognEats – Cognitive Psychology-Based UI/UX System

UI/UX Design Project - 2025

- Designed a food ordering UI using cognitive psychology principles such as attention theory, Gestalt laws, and cognitive load reduction to improve decision-making and user experience.

WhatsApp Circles – Communication UX System

UX Conceptual Project for WhatsApp - 2024

- Designed a role-based group communication enhancement system enabling structured "circle tagging" to improve message targeting and reduce notification overload in large groups.

TECHNICAL SKILLS

Programming Languages : C, Java, Python, JavaScript

Mobile Development : Flutter

Web Development : HTML, CSS, React, Laravel

UI/UX Design : Figma

Databases : MySQL, MS SQL, MongoDB

Version Control : Github

Cloud, DevOps & Backend Services : Hostinger VPS, Domain Management, Firebase Authentication, Mail Server Setup (Mailcow), Basic SEO & Google Analytics Integration

ACHIEVEMENTS & ACTIVITIES

Competitions & Hackathons

- CODE RUSH (2023) – 10th Place | UoM – INTECS
- MAD HACK (2023) – Participant | UCSC
- Mora UXplore 1.0 (2023) – Participant | IEEE UoM
- Tech-Triathlon (2024) – Participant | Rootcode

Technical & University Activities

- Member – Embedded Systems Laboratory, University of Moratuwa
- Base Guitarist – FIT Tunes, Faculty Musical Orchestra, Faculty of IT, UoM

REFERENCE

Dr. A.L.A.R.R. Thanuja

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