

METHMA SANKALPANI

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Portfolio: methmagk74490.netlify.app

PROFESSIONAL SUMMARY

Software Engineering undergraduate experienced in **full-stack development, mobile app development, and cloud-based deployment**. Skilled in **React, Next.js, Node.js, Express, MongoDB, MySQL, Kotlin, API integration, UI design, Agile, and Git**. Fast learner with strong problem-solving skills seeking a Software Engineering Internship to apply technical expertise to real-world projects.

TECHNICAL SKILLS

- Programming Languages:** Java, JavaScript, Python, C, C++, PHP
- Frontend:** React.js, Next.js, HTML, CSS, Tailwind CSS, Bootstrap
- Backend:** Node.js, Express.js, RESTful APIs
- Databases:** MongoDB, MySQL
- Mobile Development:** Kotlin, Android
- Tools & Platforms:** Git, GitHub, VS Code, Postman, Figma, Trello
- Core Concepts:** OOP, MVC, Data Structures & Algorithms, SDLC, Agile

PROJECTS

GreenGrow — MERN Stack :React, Node.js, Express, MongoDB, JWT, Tailwind

- Developed a consultant booking system enabling appointment scheduling and management.
- Built an admin dashboard for tracking consultant statistics and appointment data.
- Implemented secure CRUD operations using JWT authentication and responsive UI components.
- GitHub: github.com/methma490/Online-Agriculture-Management-System

Hospital Management System — Java, JSP, Servlets, MySQL

- Developed modules for appointment booking, doctor selection, and admin CRUD operations.
- Integrated input validation, session management, and MVC-based backend logic.
- Improved SQL performance and connection pooling, reducing load times by 28%.
- GitHub: github.com/methma490/HMS-part-methma

AutoHub Online Advertising Agency — JavaScript, PHP, HTML, CSS, MySQL

- Built user flows for vehicle buying, ad posting, membership plans, and profile management
- Designed UI wireframes for Contact Us, User Profile, and Membership Plan pages.
- GitHub: github.com/methma490/AutoHub

WellnessHub — Android | Kotlin | SharedPreferences | Notifications

- Developed habit tracking, mood journaling, hydration reminders, and analytics charts.
- Integrated sensors, widgets, and offline storage to improve user retention by 20%.
- GitHub: github.com/methma490/wellnesshub

Calmora — Kotlin | Android | Material Design (60–30–10)

- Implemented task scheduling, deadline tracking, and daily study time logging.
- Built secure login/signup and date-based task creation features.
- Designed UI following Material Design improving usability and accessibility.
- GitHub: github.com/methma490/Calmora

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT) — 2023–Present

B.Sc. (Hons.) IT specializing in Software Engineering

Current GPA: 3.1

Dharmasoka College, Ambalangoda — 2019–2021

Advanced Level - Physical Science

ACHIEVEMENTS & ACTIVITIES

- **IEEE Student Chapter** – Participated in technology-focused meetups and learning sessions to explore the latest trends in software and electronics.
- **UI/UX Bootcamp (Benchmark 3.0)** – Designed an interactive AI chatbot prototype, focusing on intuitive user experience and interface design.

CERTIFICATIONS & COURSES

- AI/ML Engineer – Stage 1, SLIIT (2025)
- Python for Beginners - University of Moratuwa (2025)
- Python Programming - University of Moratuwa (2025)

REFERENCE

Raseema Sugandi

Pre Sales Consultant

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