

KAUTHAMAN THAYAPARAN

UNDERGRADUATE

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ABOUT ME

Studied a software engineering module, with strong management and IT skills, focusing on web and mobile development. Skilled in optimizing workflows, improving user experiences, and database management. Proficient in project planning, responsive design, and troubleshooting. Passionate about using technology to innovate and enhance business processes, dedicated to continuous learning and problem-solving.

EDUCATION

Reading BSc (Hons) in Information Technology

April 2023- Present

University of Kelaniya

- Major in Software engineering
- Current GPA-3.45

Diploma in computer science

April 2014-Oct 2014

- Daniel Memorial institute Jaffna

PROJECTS

System development Individual project [\(Source Code\)](#)

(2025)

- Project: Full-Stack Application
- Technologies: React, Node.js, SQL
- Description: Developed a full-stack application for managing inventory and medical representatives. Using React for the front-end, Node.js for the back-end, and SQL for database management, the system enables efficient data handling, tracking, and reporting for both inventory and medical rep activities.

FuelSync Solution [\(Source Code\)](#)

(2025)

- Project: Fuel Management System
- Technologies: Web - React, Node.js; Mobile - Flutter
- Description: Built a fuel management system to track and optimize fuel usage. The React and Node.js web app offers real-time monitoring. The Flutter mobile app enables fuel tracking, expense logging, and refueling notifications.

Film Flow [\(Source Code\)](#)

(2025)

- Project: web application using the TMDb API for Movie Searching
- Technologies: React,Material-UI, Netlify
- Description: Built a web app for real-time movie search, detailed insights, trending movies with infinite scrolling, favorite storage, and responsive UI with Material-UI and light/dark mode, using the TMDb API.

Mobile application development

(2024)

1.Project: Calculator App [\(Source Code\)](#)

- Technologies: Flutter
- Description:Built a cross-platform calculator app for iOS and Android using Flutter. The app includes basic arithmetic and advanced scientific functions with a clean, responsive design.

2.Project: Recipe App [\(Source Code\)](#)

- Technologies: Android Studio, Firebase
- Description: Developed a recipe app that allows users to browse, search, and save recipes with real-time data synchronization using Firebase.

Java Group Project (2023)

(2023)

- Project: Class Management System
- Description: Collaborated on a Class Management System to manage student enrollment, scheduling, and performance tracking using core Java concepts.

COMPETITIONS & ACHIEVEMENTS

Hackventure 2024 (University of Kelaniya-AIESEC) – Most Popular Idea

- Created a standout startup concept at the University of Kelaniya that received the highest audience engagement and votes.

Techno 2024 (University of Moratuwa) – Finalist

- Engineered a tech-driven solution, showcasing technical expertise and problem-solving skills at the University of Moratuwa.

Jayapura Expo 2023 (University of Sri Jayewardenepura) – Finalist

- Presented a startup idea with a strong market strategy at the University of Sri Jayewardenepura, demonstrating business viability and innovation.

Finova Hack 2023 (Generation Alpha) – Finalist

- Designed a fintech solution to address real-world financial challenges at Generation Alpha’s hackathon

Ideasprint 2023 (University of Kelaniya) – Finalist

- Developed an innovative startup idea and pitched a business model at the University of Kelaniya, competing against top teams.

EXTRACURRICULAR ACTIVITIES

Active Member, Rotaract Club – University of Kelaniya (2024 – Present)

- Participates in community service, leadership activities, and professional development programs.
- **ER Coordinator**(Rota Tomorrow) – Rotaract Club, University of Kelaniya (2025)
- Managed external relations and partnerships for the Rota Tomorrow event, ensuring successful collaborations and sponsorships.

Member, Generation Alpha (2023 – Present)

- Engaged in innovation-driven projects and startup initiatives.

Member, Northern Province Badminton Team (2013 – 2020)

- Competed at the provincial level, demonstrating teamwork, discipline, and sportsmanship.

KEY SKILLS

Soft Skills

- Problem-Solving
- Critical Thinking
- Teamwork & Collaboration
- Project Management
- Communication

Technical Skills

- Programming
- Web Technologies
- Database Management
- Mobile App Development
- Software Development Tools

ONLINE COURSES & CERTIFICATIONS

- Software Engineering: Implementation and Testing-Coursera ([Source](#)).
- Web design for Beginners-UOM ([Source](#)).
- Foundation of Project Management -Google ([Source](#)).
- AI for Beginners-HP Life ([Source](#)).
- Data Science and Analytics -HP Life ([Source](#))

REFERENCES

W M Janaka I Wijayanayake

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DECLARATION

I declare that the information provided above is true and accurate to the best of my knowledge.
Kauthaman.T