KIRUTHIYAN THEIVENDRARASA

Information Technology Undergraduate | Full-Stack Developer

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SUMMARY

Third-year Information Technology undergraduate at the University of Moratuwa with full-stack internship experience and hands-on work in Java, Spring Boot, Next.js and React. Builds REST APIs, JWT authentication and role-based workflows with PostgreSQL. Led a team project from design to deployment and placed 10th in the Cursor Colombo Buildathon's n8n track. Seeking a Software Engineering or Full-Stack Development internship.

EDUCATION

University of Moratuwa - Faculty of Information Technology **2023 - 2027**

BSc (Honours) in Information Technology | CGPA: 3.35/4.00 | Year 3, Semester 5

A grades: Data Structures & Algorithms I and II, Computer Networks, Computer Graphics, Operating Systems and Fundamentals of Databases.

SKILLS

Languages: Java, TypeScript, JavaScript, Python, C/C++

Backend: Spring Boot, Spring Security, Spring Data JPA, REST APIs, JWT, Node.js, Express.js

Frontend: Next.js, React, Tailwind CSS, shadcn/ui, React Query, Zustand, React Hook Form, Zod

Databases & Cloud: PostgreSQL, MySQL, Supabase, Firebase

AI & Automation: Google Gemini API, n8n, Multi-Agent Systems, Streamlit

Tools & DevOps: Git, GitHub, Maven, Postman, Docker, Linux, Vercel

EXPERIENCE

Full-Stack Development Intern - Codveda Technologies **2026**

- Built Listo, a real-time task management application using PostgreSQL, Express.js, React, Node.js and Socket.IO, from REST APIs to a complete React single-page application.
- Implemented JWT authentication, protected routes, relational user-task data models and CRUD workflows, with task updates synchronised across connected clients.
- Completed API design, database integration, frontend development and testing across the internship's structured milestones.

PROJECTS

FleetPro - Vehicle Fleet Management System | GitHub | Live Demo (login required) **2026**

Full-Stack Developer & Team Leader (Team Project)

Tech: Java 21, Spring Boot 3.4, Spring Security, Next.js, React, TypeScript, PostgreSQL, Supabase, JWT, Zustand, React Query

- Led the design of a fleet platform for vehicles, trips, fuel, maintenance, rentals, vendors, staff and drivers, with operational reporting.
- Implemented access and refresh tokens, multi-role authorisation, trip-conflict prevention and OTP password flows, plus private document storage with signed URLs.

Aharam - Tuition Management System | GitHub | Live Demo **2026**

Full-Stack Developer

Tech: Next.js, React, TypeScript, Spring Boot 3, Spring Security, PostgreSQL, Flyway, JWT

- Built student records, attendance, exams and marks, timetables, notices, analytics and PDF progress reports for a tuition management platform.
- Created public, staff and student portals with role-based workflows, JWT sessions, OTP password reset and modular REST APIs.

LuxeTravel AI - Multi-Agent Travel Planner | GitHub | Demo Video **2025**

AI / Python Project

Tech: Python, Streamlit, Agno, Google Gemini, DuckDuckGo Search

- Built a travel concierge with three agents for research, hotels and dining, and itinerary planning, using session memory and web search tools.
- Deployed a Streamlit app with live execution status, Gemini-generated summaries, itineraries and cost estimates as a Google AI Agents Intensive capstone.

YarlRiders - Transport & Tour Booking Portal | GitHub | Live Demo **2026**

Frontend Developer / Product Project

Tech: React 18, TypeScript, Tailwind CSS, Vite

- Built a responsive Jaffna-Colombo transfer booking portal with Tamil and English support and a mobile-first booking flow.
- Added WhatsApp booking and improved responsiveness, accessibility, SEO and presentation for the GitHub Copilot Finish-Up-A-Thon Challenge.

HACKATHONS & COMPETITIONS

- **Cursor Colombo Buildathon - 10th Place, n8n Track (2026):** co-built Cyber League, an n8n-powered bug-bounty workflow platform.
- **J'PuraXtreme 3.0 - Finalist, University Category (IEEEXtreme 2026).**
- **CodeRally 7.0 - Finalist, Selection Week Top 15 (2026).**
- **GENESIZ '25 - Top 12 Finalist (2025): Presented WayCanSee at the KDU Electronic Robotics & Innovation Club competition.**
- **GitHub Copilot Finish-Up-A-Thon Challenge -** Completion Badge (2026), delivered with the YarlRiders project.
- **HackElite 2.0** - Participant (2025).
- **CodeRush - Participant (2024).**

LEADERSHIP & VOLUNTEERING

Event Coordinator Head - Tamil Literary Association **2026**

- Led coordination for community literary and cultural events, including Tamil Aruvi and Sotkanai.

Company Panel Coordinator - H-Connect GBS **2025**

- Coordinated company panels, industry interactions and event logistics for a flagship career fair organised by the Rotaract Club of University of Moratuwa.

Member - IEEE Student Branch, University of Moratuwa (2025 - Present)

Member - AIESEC in Sri Lanka (2024 - Present)

CERTIFICATIONS

- AI Agents Intensive Course with Google - Google (2025)
- Developing Front-End Apps with React - IBM / Coursera
- Introduction to Software Engineering - IBM / Coursera
- Introduction to HTML, CSS & JavaScript - IBM / Coursera
- Python for Beginners - University of Moratuwa

LANGUAGES

Tamil - Native | English - Professional working proficiency | Sinhala - Learning

REFERENCES

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