

# Tharuki Jayasuriya

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🌐 tharuki-jayasuriya | 🔄 TharukiJ | 🌍 portfolio

## SUMMARY

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Undergraduate student at the University of Westminster with hands-on experience in full-stack web development using Next.js. Proven ability to lead technical teams in collaborative projects, driven by a commitment to engineering high-quality, professional digital solutions. Comprehensive project documentation is available at [my-portfolio-one-umber-95.vercel.app](https://my-portfolio-one-umber-95.vercel.app).

## PROJECTS

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### Techzaz EDR Dashboard | Endpoint Detection and Response Platform 2025

- Built a modern EDR dashboard for security monitoring, alert visualization, and centralized incident management.
- Designed a multi-service architecture to support live telemetry, threat analysis, and secure organization-level access control.
- **Tech:** Angular, FastAPI, Firestore, JWT, Docker
- **Link:** [Techzaz EDR](#)

### Online Learning Platform | AI-Powered Tutoring Platform (*Ongoing*) 2025

- Developing a modern full-stack educational web application with an integrated PDF viewer and AI chatbot interface.
- Integrating Google Gemini via the Vercel AI SDK to enable real-time AI responses with a premium and user-friendly interface.
- **Tech:** TypeScript, Next.js 14, React, Tailwind CSS, Vercel AI SDK, Google Gemini
- **Link:** [acetutor](#)

### Incognito Game | Real-Time Chat Web App (*Ongoing*) 2025

- Developing a real-time chat web application with an interactive frontend and live browser-based communication experience.
- Structured the project with a dedicated chat application setup and maintained the full source code in a public GitHub repository.
- **Tech:** JavaScript, CSS, HTML, Vercel
- **Link:** [Incognito Game](#)

## TECHNICAL MINI-PROJECTS

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### AI Meme Generator | Generative Web App 2026

- Built a fast, interactive web application that leverages external APIs to dynamically generate context-aware images and memes.
- Designed a responsive and user-friendly frontend interface utilizing Next.js for seamless, real-time prompt-to-image generation.
- **Tech:** TypeScript, REST APIs, JavaScript, Tailwind CSS
- **Link:** [github.com/TharukiJ/ai-meme-generator](https://github.com/TharukiJ/ai-meme-generator)

## EDUCATION & CERTIFICATIONS

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### Informatics Institute of Technology (IIT), Sri Lanka

*BSc (Hons) in Computer Science (UG), University of Westminster, London*

2024 – Ongoing

### Newstead Girls College, Negombo

*G.C.E. Advanced Level – Commerce Stream*

Completed: 2024

3C Passes

### Aquinas College of Higher Studies

*Diploma in English*

Completed: 2024

## TECHNICAL SKILLS

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**Full-Stack Frameworks** : Next.js, React.js, Angular, Vite.js, Tailwind CSS

**Programming Languages** : TypeScript, JavaScript, Python, Java, C++, C#, SQL, HTML5/CSS3

**Tools & Infrastructure** : Git, Docker, Vercel, MongoDB

## LEADERSHIP & VOLUNTEERING

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**Sports Club, Newstead Girls College, Negombo**

2022 – 2024

## REFERENCES

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### Sankeetha Elancheliyan

*Assistant Lecturer*

Informatics Institute of Technology

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