Tharun Randiv Devaraja

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Summary

Computer Science undergraduate specialising in Human–Computer Interaction, UX engineering and software development. Skilled in problem-solving, modern development practices, teamwork and adaptable thinking, with experience across frontend, backend and user-centred design workflows. Committed to exploring innovative solutions at the intersection of technology, usability and human–computer interaction.

Experience

Software Development Intern, RE24 Limited   Jun 2025 – Oct 2025
London, United Kingdom

- Designed and developed the admin portal in Figma, implementing frontend and backend integration (Node.js, MySQL, REST APIs) for user management, dashboards, forms, approval workflows, role-based access, and notifications.
- Built reusable, responsive UI components, improving usability and workflow efficiency for internal users.
- Developed core features and landing page for RE24 Intelligence, handling full-stack implementation and UX/UI design.
- Led full frontend development of the live dashboard for RE24 Insights, integrating client energy plant data via APIs with backend storage for dynamic visualization.
- Collaborated with engineers and stakeholders to deliver production-ready, user-focused interfaces across products.

Education

BSc (Hons) Computer Science   Sept 2024 – Sept 2028
University of Westminster (via Informatics Institute of Technology)
Expected: First Class Honours
Relevant modules: HCI, Data Structures & Algorithms, Databases, OOP, Web Development

Foundation Certificate in Higher Education   2024
Informatics Institute of Technology
Result: Merit

Projects

Orator – Smart, accessibility-first reading companion | GitHub   *Oct 2025*
A reading assistant designed for elderly users, with AI-powered text clarity, large-type layouts and simple navigation to reduce strain and confusion.

Project CROW – Unified interaction intelligence platform | GitHub   *Sept 2025 – Present*
A platform that ingests web, in-store CCTV and social media data into a natural-language query layer and dashboards to support business decision-making.

Med-Essence – Offline-first healthcare app | GitHub | Figma   *Jun 2025 – Sept 2025*
An AI/ML-powered mobile app that supports pregnancy checks, counterfeit medicine detection and accessible health analytics for underserved communities, with offline support for low-connectivity environments.

GovEase – Centralized government service portal | GitHub   *Aug 2025 – Sept 2025*
A portal that centralizes government appointment booking with secure document workflows, QR-based check-in, notifications, analytics and role-based access control.

Certifications

- **Postman API Fundamentals Student Expert** – Postman   Aug 2025
  Credential ID: 68b2e2a320ac07667d4cdcb0
  Show credential

Skills

- **UX & Product Design:** User research, wireframing, prototyping, interaction design, usability testing, information architecture, journey mapping, design systems, accessibility (WCAG), human-centred design

- **Design Tools:** Figma, Adobe XD, Illustrator, Photoshop, FigJam, Miro

- **Programming Languages:** Python, Java, JavaScript, Kotlin, Go, Bash, SQL, HTML/CSS, LaTeX

- **Frameworks & Libraries:** Node.js, React.js, Next.js, CrewAI, TensorFlow

- **API & Integration:** RESTful APIs, GraphQL, webhooks, event-driven systems, microservices architecture, JSON

- **Databases:** MySQL, PostgreSQL, MongoDB, Cloudflare D1, vector databases (Cloudflare Vectorize), NoSQL

- **AI & Data Systems:** RAG pipelines, LLM orchestration, multi-agent systems, semantic search, data ingestion pipelines

- **Cloud & Edge:** Cloudflare (Workers, Containers, D1, R2, Queues, Workflows), CI/CD tools, Git/GitHub Actions, AWS (EC2, S3, Lambda)

Honors & Awards

Semi Finalist (Top 15) – Tech-Triathlon 2025 by Rootcode   Oct 2025
- Achieved Top-15 placement in Tech-Triathlon 2025 by Rootcode, a competitive tech event testing engineering, UX design, and AI skills among 170+ teams and 1100+ student participants nationwide.

Volunteering

IEEE Computer Society – Student Branch, IIT   Dec 2024 – Oct 2025

- Coderally 6.0: Logistics Vice-Chair

- IndustPro 4.0: Logistics Co-Lead

- WebSpire 2.0: Logistics Team Member

Open Source Developer @ WSO2 | Asgardeo JS SDK #176, #210, docs-is #5607   *Sept 2025 – Oct 2025*
Contributing to WSO2's open-source identity stack (Asgardeo and WSO2 Identity Server) by improving SDKs and documentation for web authentication flows.

References

Dan Tennakoon
Chief Executive Officer
RE24 Limited, London, England, United Kingdom
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Kithmi N. D. Widanage
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