

RAJANITH BANDARA

Full-Stack Developer & Project Manager | BSc (Hons) Computer Science, Second Class Upper Division

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PROFESSIONAL SUMMARY

Detail-oriented full-stack developer and project manager with a BSc (Hons) in Computer Science, awarded Second Class Honours (Upper Division) from the University of Plymouth. Combines hands-on delivery of production, client-facing software — including an impact reporting platform for an international client and an independently engineered point-of-sale system sold to a retail client — with structured project leadership at SynthiaSync. Skilled across modern frontend technologies (React.js, Next.js, Flutter) and backend frameworks (ASP.NET Core, NestJS, Node.js, Express.js, Flask), with working knowledge of relational, NoSQL, and offline-first database architectures (PostgreSQL, Neon, MongoDB, SQLite, Firebase).

KEY STRENGTHS

- Full-stack delivery across web, mobile, and desktop stacks (React, Next.js, Flutter, ASP.NET Core, NestJS, Node.js)
- Real-world product experience: contributed to a live client platform (Synpact) and independently engineered a POS system sold to a retail client
- Proven project leadership: sprint planning, delivery coordination, and stakeholder liaison
- Strong academic foundation — BSc (Hons) Computer Science, Second Class Honours (Upper Division)

CORE SKILLS

Frontend: React.js, Next.js, Tailwind CSS, Material UI, Ant Design, ShadCN, Flutter

Backend: ASP.NET Core, NestJS, Node.js, Express.js, Flask, FastAPI, REST APIs

Databases & Cloud: PostgreSQL, Neon Postgres, MongoDB, SQLite, Firebase, AWS (ECS), DigitalOcean, Redis, Appwrite

Tools & Platforms: Git/GitHub, Vite, Docker (basics), TomTom Maps

PROFESSIONAL EXPERIENCE

Project Manager | SynthiaSync

January 2026 – Present

- Lead end-to-end project planning and coordination across cross-functional software development teams, ensuring alignment between technical delivery and business objectives.
- Own delivery timelines and sprint management, proactively identifying risks and resolving blockers to keep releases on schedule and within scope.
- Serve as the key liaison between technical and non-technical stakeholders, translating business requirements into clear, actionable development tasks.
- Contributed hands-on as frontend developer on Synpact, an impact reporting platform built for client Double Delta (Singapore); developed the frontend in Next.js against a NestJS backend, with Neon Postgres for data storage and AWS ECS for hosting (March – August 2026).

PROJECTS

MIQ POS System | Independently run project

August 2026 – Present

C#, WPF, ASP.NET Core (SDK 10), SQLite, Neon Postgres

- Designed and built an offline-first point-of-sale system, sold to a supermarket client, pairing a WPF desktop client with an ASP.NET Core backend.
- Implemented a dual-database architecture: local SQLite for offline operation with Neon Postgres for online cloud sync.
- Hardened the system with SQLCipher encryption, RBAC access control, audit logging, and crash-safe transactions.

EpiLanka | Final Year Project, University of Plymouth

December 2024 – January 2025

Next.js, Tailwind CSS, FastAPI, MongoDB, PostgreSQL, Redis, Appwrite, ML, TomTom Maps

- Built an intelligent health-surveillance platform to monitor and visualize disease outbreaks across Sri Lanka.
- Integrated geospatial mapping and machine learning components to support real-time outbreak analysis.

GitHub: github.com/RajanithBandara/epilankaweb

EDUCATION

BSc (Hons) Computer Science University of Plymouth <i>Classification: Second Class Honours (Upper Division) — Completed</i>	<i>March 2023 – March 2026</i>
GCE Advanced Level – Physical Stream (Passed) St. Joseph Vaz College	<i>2020 – 2023</i>
GCE Ordinary Level St. Joseph Vaz College	<i>2014 – 2019</i>

LANGUAGES

English	Proficient
Sinhala	Proficient