

Sanju Balasuriya

Software Engineer | Data Science & AI

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SUMMARY

Detail-driven Data Science & AI postgraduate and full-stack engineer with hands-on experience training ML models, extracting and structuring data, and evaluating outputs against strict accuracy standards. Comfortable with high-volume, repetitive review work, self-directed and reliable in fully remote settings, and able to hold quality steady under deadline pressure with minimal supervision.

EDUCATION

MSc in Data Science & Artificial Intelligence (in progress), University of Sri Jayewardenepura *Expected 2027*
Coursework across machine learning, deep learning, computer vision, and bioinformatics.

BSc (Hons) Computer Science (Software Engineering) — First Class, University of Wolverhampton, UK *Jun 2023*
Awarded Best Dissertation for the program.

TECHNICAL SKILLS

- **AI / Data:** Python, Machine Learning, Deep Learning, Computer Vision, data extraction & annotation, model output evaluation
- **Databases & data:** SQL, MySQL, MongoDB, Firebase, Excel/spreadsheets
- **Programming:** Java, PHP, JavaScript, TypeScript, HTML5, CSS3
- **Frameworks & tools:** Spring Boot, Laravel, Angular, Node.js, Git, ClickUp, Figma

WORK EXPERIENCE

Mochiron, Japan - Software Engineer (Remote) *Sep 2025 – Jun 2026*
– Developed and delivered full-stack applications (PHP, Node.js, Next.js) for a Japan-based company as a fully remote engineer.

Ecom Services, Sri Lanka - Laravel Developer *Jun 2024 – Aug 2025*
– Retrieved, transferred, and reconciled data between platforms via the Shopify API and multiple external APIs, checking every batch for completeness and accuracy.
– Built and maintained custom APIs to structure and route data cleanly between projects.
– Delivered responsive, standards-compliant web pages across live client projects (Ustore, Dilmah, Edys).

Seekers Cloud, Sri Lanka - Intern Associate Software Engineer *May 2023 – Jan 2024*
– Developed a full-stack application (Java/Spring Boot, SQL, Angular) in an Agile team; reviewed and refactored faulty code to improve performance and remove dependencies.

PERSONAL PROJECTS

- **ML prediction system for a cancer hospital** (final-year thesis) — built a machine-learning model to predict yearly patient data and exported structured results to Excel for review. *Python, ML, PHP, MySQL.*
- **Learning-management platform (Ictschool.lk)** — role-based system with student records, attendance, and quiz data managed at scale. *Laravel, MySQL, CI/CD.*

REFERENCES

Hasika Sandaruwan - CEO at Seekers Cloud (Pvt) Ltd, hasikasandaruwan.info@gmail.com, +94 71 491 1257.
Dhishan Dhammearatchi - Senior Lecturer in Information Technology. Faculty of Engineering and Technology.
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