

## Professional Summary

Ecologist, Project Manager, and Data Systems Specialist with over eight years' experience delivering ecological, sustainability, and technology-focused projects. Integrates field ecology, project coordination, and digital innovation to produce efficient, compliant, and data-driven outcomes.

Founder of EchoSight (2025–present), supporting ecological consultancies through protected species surveys (bats, GCN, reptiles), data processing, and workflow automation. Focused on practical delivery, ensuring projects are undertaken safely, to programme, and in accordance with planning and legislative requirements.

Previously led sustainability and ethical compliance programmes for global brands as Operations Manager at Cruelty Free International, improving stakeholder engagement, reporting systems, and process efficiency through Salesforce and SAP integration.

Brings extensive hands-on experience in bat ecology as an accredited agent with over 600 surveys completed, alongside strong capabilities in project management, GIS, and data analysis. Develops bespoke tools to accelerate acoustic and video review workflows, improving accuracy and reporting quality.

### Practical Details

Full UK driving licence. Equipment: Batlogger M2, EchoMeter Touch Pro 2, Pixfra A613 and 625.

## Key Skills & Competencies

### Project & Operations Management

- Coordination of ecological survey programmes, field teams, and report preparation (including PRAs and contribution to BNG assessments).
- Strong stakeholder engagement with clients, developers, and regulatory bodies.
- Process improvement, SOP development, and data systems integration (including Salesforce CRM) to enhance efficiency and compliance.

### Ecology & Fieldwork

- Accredited agent with 600+ surveys completed, including Preliminary Roost Assessments (PRA), Bat Emergence and Re-entry Surveys (BERS), transects, static monitoring, and reporting.
- Skilled in bat handling, species identification (in-hand, acoustic, and video), and use of professional-grade survey equipment and software.
- Experience supporting surveys for bats, Great Crested Newts (GCN), dormice, and reptiles, including licensing support and translocation.

### Data & Analysis

- Advanced acoustic analysis across 4,000+ hours of recordings for bats, birds, amphibians, and small mammals.
- Proficient in GIS mapping and spatial analysis (QGIS, R, Google Earth Pro).
- Data analysis and ecological modelling using Excel, SPSS, R, and Python.

## References:

Upon request

## Professional Experience:

Start	End	Company	Role	Summary
<b>2025</b>	Present	EchoSight	Founder / Ecologist	Founded and lead a specialist consultancy integrating field ecology with data systems and workflow automation. Deliver bat, GCN, and reptile surveys and develop the proprietary EchoSight Motion Tracking tool to improve survey accuracy, traceability, and reporting efficiency.
<b>2016</b>	Present	Freelance Ecology	Ecologist (alongside employed roles)	Delivered 600+ ecological surveys across the UK, specialising in bat ecology and acoustic analysis. Produced technical outputs for planning, licensing, and mitigation using thermal, acoustic, and geospatial tools.
<b>2021</b>	2024	Cruelty Free International	Operations Manager / Project Manager	Led sustainability and operations programmes for global brands. Improved delivery efficiency and transparency through CRM/SAP integration, automation, and structured stakeholder engagement.
<b>2021</b>	2021	Wolfram Research Europe	Project Manager	Managed software and marketing projects, applying data-driven planning to optimise timelines, resources, and cross-team coordination.
<b>2020</b>	2021	Passiv UK	Renewable Support Specialist	Provided technical support for renewable heating systems, streamlining workflows and internal training to improve response times and customer satisfaction.
<b>2019</b>	2020	Thomson Ecology	Ecologist (Fixed-term)	Conducted bat, GCN, and reptile surveys within a consultancy QA framework, supporting Phase 1 habitat assessments, GIS mapping, and compliant reporting.
<b>2007</b>	2019	Early Career Delivery Roles (part-time alongside education)	Project Delivery & Team Management	Built strong foundations in project delivery, client and stakeholder management, staff supervision, budgeting, and operational efficiency through roles in hospitality management, office administration, sales, and CAD-based project planning (IKEA), alongside voluntary experience in marine biology and wildlife management.

## References:

Upon request

## Academic qualification:

Start Year	End Year	Qualification	Issuing Organisation	Brief Description
2017	2019	MSc Science Communication (Merit)	University of the West of England	Focus on public engagement, media production, and effective science communication strategies.
2013	2016	BSc (Hons) Marine Biology and Zoology (2:2)	Bangor University	Marine and terrestrial ecology, species identification, and environmental impact assessment.
2011	2013	Level 3 Advanced Diploma in Animal Management (Distinction)	Basingstoke College of Technology	Animal care, behaviour, welfare, nutrition, and habitat management with practical handling experience.

## Professional Certification:

Start Year	End Year	Certification/Training	Issuing Organisation	Brief Description
2025	Present	CIEEM Associate (In Progress)	CIEEM	Associate membership application submitted; competencies under review.
2024	Present	Project Management Qualification (PMQ)	APM	Formal qualification covering governance, risk, planning, and leadership.
2022	2023	Google Project Management Qualification	Coursera	Practical application of Agile and Waterfall methodologies, stakeholder management, and delivery planning.
2021	Present	Ranger Rank (100+ Salesforce modules completed)	Trailhead (Salesforce)	100+ modules completed covering administration, automation, and data management.
2016	Present	Emergency First Responder	PADI	Primary and secondary care, CPR, and first aid.
2002	2002	PADI Rescue Diver & Advanced Open Water Certified	PADI	Advanced diving techniques, emergency response, and underwater navigation.

## References:

Upon request