

## PROFILE

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**Builder:** Risk Consultant with a track record of deploying novel solutions to fix broken workflows rather than keeping the status quo.

**Systems Thinker:** Biochemistry graduate who applies scientific rigour. Comfortable translating complex information into actionable insights, presenting to stakeholders, and iterating on solutions based on hypothesis-led testing.

## EDUCATION

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**University of Bristol** Bristol, UK  
*Bachelor of Science in Biochemistry; 1:1* 2022 – 2025

- **Literature Review:** Mapping the Unseen: The Quest for Efficient, Automated Organelle Segmentation
- **Research Project:** Dual Nucleotide Specificity of the Recombinant YchF Homologue from *Pyrococcus horikoshii*

## EXPERIENCE

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**EY** London, UK  
*Risk Consultant* Sep 2025 – Present

- **Engineered Internal Audit Tooling:** Identified a critical bottleneck in manual evidence review in audits; built and deployed a full-stack Python application (using Tesseract OCR for extraction and LLM APIs for semantic analysis) wrapped in a Tailwind CSS WebUI.
- **Operational Impact:** Scaled the tool to a 8-person engagement team, automating the extraction of unstructured data from PDFs; significantly reduced manual audit cycles while increasing data accuracy and consistency.
- **Diagnosed Workflows:** Conducted deep-dive sessions to map end-to-end audit workflows; translated team feedback into structured process maps to identify friction points.

*Consulting Intern* July 2024

- **Data-Driven Decision Making:** Leveraged SQL and PowerBI to turn raw incident management data into a cohesive narrative; pitched recommendations to Partners to drive client decision-making.
- **On-Site Discovery:** Embedded into on-site client teams to capture requirements for Risk & Control Matrices (RACMs), quickly upskilled to understand the audit landscape.
- **Performance:** Selected from a 3% acceptance rate applicant pool; secured a return offer based on technical delivery and client impact.

**MyTutor** Remote  
*Maths tutor* October 2022 – February 2023

- **Communication and support:** Guided KS2 students in after-school group sessions, addressing each student's specific learning challenges individually. Developed a "first-principles" teaching style to simplify logic.

## TECHNICAL PROJECTS & SKILLS

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**SME Digital Transformation** Hospitality & Retail  
*Full-Stack Deployment*

- **Full-Stack Deployment:** Architected and deployed a custom, self-hosted reservation system and responsive web frontend for a family-owned restaurant.
- **Business Impact:** Digitalisation of the booking workflow resulted in a 35% increase in monthly reservations and reduced admin time by ~8 hours/week.
- **Scaling:** Currently refactoring the codebase to deploy a bespoke booking and inventory management solution for an upcoming beauty salon client.

**Monopoly Strategy Simulator** Python  
*Stochastic Modelling*

- **Stochastic Modelling:** Built a Python-based simulation engine to model board state probabilities and dice-roll distributions over 10,000+ game iterations.

- **Strategic Analysis:** Applied statistical analysis to identify optimal property acquisition strategies (a simplified “Digital Twin” of the game economy).

## **Self-taught**

- **Languages & Tools:** Agents (Claude Code, Codex), Basic Python (Pandas, Selenium, Requests), R, PowerBI, Tailwind CSS, Git.
- **Core Competencies:** Rapid Prototyping with agents, Web Scraping/Automation, Process Mapping.
- **Learning:** Self-taught developer with a proven ability to upskill rapidly in new languages and agentic workflows to solve immediate business problems.