

# Joshua Bourton

(+44) 7809 260645 | joshua.bourton16@gmail.com | Durham, UK | [LinkedIn](#) | [GitHub](#) | [www.joshuabourton.uk](http://www.joshuabourton.uk)

## PROFESSIONAL SUMMARY

A final-year Computer Science student at Durham University with a unique blend of hands-on engineering and technical project management experience from an enterprise year at P&G. Proven ability to own the full project lifecycle, from designing cloud architecture (Azure) and data pipelines (Databricks) to implementing secure, automated CI/CD workflows. Seeking to apply a holistic understanding of software development, cloud infrastructure, and project leadership to a challenging graduate role.

## EXPERIENCE

**Technical Project Manager (Intern) | Procter & Gamble (P&G)** | Newcastle upon Tyne, UK *July 2024 – June 2025*

- Served as the designated Product Owner and Manager of a 6-figure project, owning the project vision from ideation to delivery, defining technical requirements, and managing all communications between development, operations, and R&D teams.
- Spearheaded the recovery of a critical project facing a tight 4-month deadline by re-scoping deliverables and coordinating team efforts, ensuring a successful and on-time launch.
- Designed and implemented a complete set of CI/CD pipelines using GitHub Actions, Docker, and Azure App Service, automating the build and deployment process to improve developer efficiency.
- Architected and constructed an automated vulnerability scanning process within the CI/CD pipelines to identify threats pre-deployment and eliminate the need for manual security reviews.

**Private Tutor, Maths & Computer Science | Tutorchase** | Remote, *Dec 2021 – June 2025*

- Designed personalised learning strategies for 15+ students from 13+ to IB level, reinforcing core computer science and mathematical principles.
- Achieved and maintained an 87% client retention rate through effective instruction and positive feedback.

## TECHNICAL SKILLS

- **Cloud Architecture & Provisioning (Azure):** System Design & Architecture Diagrams, Resource Provisioning & Management, Governance & Policy Compliance
- **Data Engineering & ETL:** ETL Pipeline Design, Data Processing & Transformation (Databricks), Data Analytics (Pandas, Streamlit), Data Warehousing (Azure SQL)
- **Cloud Computing (Azure):** Azure App Service, Azure SQL Database, App Service Plans, Deployment Slots
- **CI/CD & Infrastructure as Code (IaC):** GitHub Actions, Docker, ARM Templates, Bicep
- **Languages & Development:** Python, Java, JavaScript, Node.js, Git, JEST, ESLint

## EDUCATION

**Durham University** | Durham, UK *Expected Graduation: June 2026*

**BSc (Hons) Computer Science with Placement Year**

- **Academic Standing:** On track for a First-Class Honours (70% average).
- **Key Modules:** Design of Algorithms, Bias & Ethics in AI, Distributed Systems.

## PROJECTS & LEADERSHIP

- **Technical Competitions:** Regular participant in Hackathons; Competitor in CyberStart (Cybersecurity) and Project Euler (algorithmic puzzles).
- **Arete Fellowship in Effective Altruism:** Selected for a competitive fellowship exploring methods of leveraging technology for maximum societal benefit.
- **Interests:** Volunteering (managed IT/AV systems for a youth club), solo backpacking (1 year across South America & Asia), and studying Spanish (targeting B2).