

Calum Brookes

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EDUCATION

UNIVERSITY OF SALFORD

BENG BROADCAST ENGINEERING
First Class Honours

BIRM. CITY UNIVERSITY

MENG BROADCAST ENGINEERING
Distinction

ASSOCIATION OF PROJ MGMT

PROJECT MANAGEMENT QUAL
APM-PMQ

SKILLS

PROGRAMMING

Languages:

Python • Bash • Java • LaTeX
C • C++ • SQL

LEADERSHIP

Interests & Skills:

Service Management
Workflow Improvement
Incident Management
Continuous Improvement
Effecting Culture Change
Mentoring/Coaching
Agile Methodology
Empowering & Building Teams

ENGINEERING

Interests & Skills:

Project Engineering
Requirements Assessment
Technical Documentation
IP Infrastructure
Broadcast Hardware
TV & Radio Distribution
Broadcast Automation
Systems Integration
Control Systems Dev
Virtualisation Technologies
Monitoring Tools (Icinga/Nagios)

EMPLOYMENT & VOLUNTARY WORK

BBC | PROJECT MANAGER / SENIOR SYSTEMS ENGINEER (2 YEARS)

Nov 2021 – Present | Glasgow, Scotland

- Led on the migration of the BBC Dundee office to a new premises, including being the first to implement a challenging new corporate network infra model.
- Leading the technical delivery of a new TV gallery facility for Gaelic language news in Inverness, with significant operational sensitivity & complexity.
- Revitalisation of the News TV studio operations in BBC Scot, working into a programme of works spanning two years and £500k+ of investment.
- Interview Champion - helping to change the BBC's interview culture and promote fair, inclusive hiring processes across the organisation.
- Accountable for delivery of project tasks for myself and for the work of engineers reporting to me during a body of works.
- Mentoring and supporting colleagues, leading ad-hoc teams where appropriate, and acting as a source of best practice within BBC Scotland.
- Managed the upgrade of the VCS radio prod & playout system within Scotland, a multi-site, pan-BBC service upgrade - liaising between local prod teams, suppliers, and local & national engineering support.
- Other projects include managing the design, tender & procurement of the £180k studio infrastructure upgrade across the 3 major Scottish TV studios.
- Led a programme to improve our local documentation process from the ground up - infosec approval of a new Password Manager, migrating to the BBC's "Confluence" managed service, & developing our doc processes to match our support model.
- Delivering strategic workflow & cultural change, to improve cost-effectiveness and capability across TV, Radio & Online production, as part of the Value For All and Digital First strategies.

BBC | OPERATIONS ENGINEER (3 YEARS)

Jun 2018 – Nov 2021 | Glasgow, Scotland

- Based in BBC Scot with Engineering Operations, supporting ops & incident mgmt across TV, Radio and building & facility infrastructure at sites across Scot.
- Project work - built new edit facilities at Dumbarton studios, VO booths in TV Presentation and upgrading DAW spaces in Pacific Quay.
- Taken primary system ownership for supporting and developing a number of systems in BBC Scotland.
- Worked with key industry suppliers and partners to find resolutions to incidents which require supplier intervention.

BBC | TRAINEE BROADCAST ENGINEER (MENG) (2 YEARS)

Jul 2016 – May 2018 | Glasgow, Scotland

BBC | APPRENTICE BROADCAST ENGINEER (BENG) (3 YEARS)

Sep 2013 – Jul 2016 | Birmingham, England & Glasgow, Scotland

- Worked for BBC English Regions & BBC Scotland, including attachments to external organisations including Arqiva and STV.

NATIONAL STUDENT TELEVISION ASSOCIATION (2 YEARS) |

EXECUTIVE TECHNICAL OFFICER & ELECTORAL RETURNING OFFICER

Jul 2012 – Jul 2015 | UK Nationwide

- Elected & re-elected for two terms of office.
- Honoured at the end with a term as the association's Returning Officer.