

# STEPHEN BUSKIE

FINANCE | ENGINEERING | DATA

Chartered engineer and problem solver with world class engineering skillset. Experienced in influencing joint-ventures on billion dollar investments. Expert in c-suite executive reporting and big data. Currently driving bp's internal and external production reporting.

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## KEY SKILLS

- Chartered engineer: CEng MIMechE
- Reservoir Engineering
- Finance
- Big data
- Management information
- Business intelligence
- Data analytics and visualisation
- Digital twins
- Forecasting and business planning
- Leadership

## TECHNICAL SKILLS

- Operating systems | Windows, UNIX, Linux
- Data visualisation | PowerBI, Excel, Spotfire, Streamlit
- Scripting languages | Python, Bash
- Time-series forecasting
- Microsoft 0365
- SAP

## HONOURS AND AWARDS

- Runner-up 2012 SET awards "Best Mechanical Engineering Student" undergraduate in Europe
- Masters degree full sponsorship
- Institute of Mechanical Engineers individual project prize
- Undergraduate final year scholarship
- Deans merit list student each semester

## PROFESSIONAL EXPERIENCE

### Production Performance Lead

January 2022 - Present

bp, Finance (London, UK)

- Lead team of 5 to deliver bp's global production management information.
- Responsible for production disclosures within stock exchange announcements and external reporting.

### Production Performance Lead

January 2021 - December 2021

bp, Finance (Houston, US)

- Single point of accountability for executive production reporting and management information during Group Performance Reviews, Operational Performance Reviews and Monthly Production Reviews.

### Performance Analyst

May 2019 - December 2020

bp, Finance (Houston, US)

- Development lead for digital business intelligence tools related to bp's production portfolio; deployed reports globally (>200 users) modernising business planning, quarterly variance insights and executive reporting.
- Owned investor relations information for quarterly CFO and CEO investor calls; a team member of the "panel of experts" providing real-time support to the executives during results announcements.
- Additional c-suite responsibilities included risk management and reporting coordinator for bp's Reservoir Development (subsurface) function and supporting bp's quarterly appraisal table, part of bp's ~\$12-16bn/year capital allocation process; delivered to the Upstream COO.

### Reservoir Engineer

December 2013 - April 2019

bp, Reservoir Developments (Aberdeen, UK)

- Managed complex reservoirs using big data analytics, ensemble modelling and simulation modelling; solved complex, multi-billion dollar problems.
- Achieved approval of a 10-year facility life extension of a giant North Sea oil field, adding >\$350m value to the joint venture business.
- Developed a digital twin of a field and demonstrated an optimisation opportunity that was put into practice adding >\$20m revenue in one year.
- Managed 5 well drilling campaign from planning to safe delivery and coupled with multi-disciplinary debottlenecking activities improved oil field operating efficiency by 20% and hydrocarbon production by 50%.

## EDUCATION

Imperial College London, UK

2012-2013

Masters of Science in Petroleum Engineering, Distinction

- Attained full corporate sponsorship covering academic fees and living stipend.
- Attained World Education Service (WES) degree equivalency for USA and Canada.

University of Strathclyde, UK

2008-2012

Bachelors of Mechanical Engineering with Honours, First Class

- Runner-up of the European SET awards & institution best project prize winner