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# Dan Picton

## Data Integration Engineer

Software professional with a focus on data integration and development. Strong technical generalist, good communication skills and quick to adapt to new environments. Driven to create clean, well-considered solutions to key business requirements.

Open to opportunities at forward-thinking companies where a broad spectrum of skills would be pivotal in enabling modern data initiatives.

## SKILLS

### Technical

- Data integration: ETL/ELT pipelines
- Data warehousing
- Extending off-the-shelf tools with custom code modules
- Operational telemetry reporting
- Dashboard design and data delivery
- Linux native
- Languages: SQL, Clojure, Java, Python

### Personal

- Curious, self-driven learner with broad interests
- Technically creative and lateral thinking
- Absorbs the details to see the bigger picture
- Balances agile delivery with observance of good practice
- Thrives working with others, building strong relationships

## EXPERIENCE

### Nominet, Oxford - *Data Warehouse Engineer*

June 2013 - present

ETL role with data engineering duties for UK internet company.

- Delivered lightweight, but extensible SFTP-transported data extract framework allowing a data provision worth £35k to be developed with under a day's work.
- Developed multiple extension modules to facilitate connection to third-party APIs in various languages.
- Reengineered poorly-performing Java code to Oracle database code for security product proof-of-concept. Run times dropped from 4 hours to 20 seconds.
- Took responsibility of service level monitoring when stakeholders could not decide on owner of initiative.
- Introduced Docker to eliminate dependency issues on code deployments.

Skills: Oracle DB, ODI, OBIEE, SQL, PL/SQL; Clojure, Java, Python; Git.

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## **Logica/CGI - Business Intelligence Consultant**

January 2011 - December 2012

### **Project: Tesco Bank**

Developed high-volume ETL data load system following Tesco deal with Royal Bank of Scotland.

- Saved 25 days' future development work by analysing, re-designing and developing primary load functionality. Received client plaudit and top internal reward.
- Led one of three work streams.
- Analysed undocumented source system data files.
- Mentored less-experienced colleagues.

Skills: Data analysis, requirements analysis, ETL data loading (IBM InfoSphere DataStage 8.1); mentorship.

## **Logica, Cardiff - Data Warehouse Team Lead**

June 2008 - December 2010

Technical leadership, support and development work for government agency.

- Saved 4 months' contractor fees by becoming immediately effective, allowing early transfer of duties from under-performing contract staff.
- Turned around fraught customer relationship.
- Formalised SLAs and processes with suppliers of source system data.

Skills: Custom ETL data load development (Oracle PL/SQL), Bash, ad hoc report support, client facing, process creation.

## **HMPS Shared Services, Newport - Report Developer**

October 2006 - June 2008

Ad hoc report design and development work for government HR and finance centre. Additional duties undertaken to set up and lead internal support team.

- Volunteered to establish and lead support team to assist manager, undertaken alongside contracted duties
- Established formal processes for customer engagement.
- Defined development quality standards.
- Commended by senior management for initiative, time management and team performance.

Skills: Oracle PL/SQL, Oracle Discoverer and Oracle eBusiness Suite 11i; high-level customer liaison, time management.

## **DVLA, Swansea - Various Roles**

December 1998 - October 2006

Business Intelligence Developer (2005-2006); Junior Software Developer (2005); administrative roles whilst at university (1998-2004).

## **EDUCATION**

**University of Wales - BSc. (Hons) Software Engineering (2003)**