Lyndon Armitage

Lead Data Engineer

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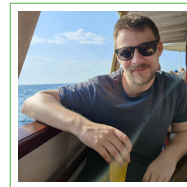✉ *lyndon.armitage@gmail.com*
🌐 *lyndon.codes*
in *linkedin.com/in/lyndonarmitage*
🐙 *github.com/LyndonArmitage*
British Citizen

Commited Data Engineer with years of experience with AWS, JVM based technologies as well as both SQL and NOSQL databases.

Work

June 2019 to Present

Lead Data Engineer, *Holland & Barrett*

Founding member of the Data Engineering team, working to create and maintain purpose built Data solutions including a Data Lake, and Warehouse.

Built and maintained bespoke data extractions solutions for migrating from legacy systems including Oracle and IBM AS/400 databases.
Responsible for ELT/ETL jobs for various systems, working alongside multiple teams across the business.

Primary technologies used include:

- Apache Spark
- Apache Airflow
- Scala
- AWS Lambda
- AWS S3
- AWS Redshift
- AWS EC2
- AWS EMR
- AWS IAM
- Kubernetes
- Python
- DataBricks
- Linux

May 2017 to May 2019 (2 years, 1 month)

Full Stack Software Developer, *Synoptic Technologies Ltd*

Working Primarily on the Business Intelligence product Synoptica. Developing and designing the various components of the tools that make up Synoptica using web-scraping technologies, APIs, sentiment analysis, NLP, machine learning and other techniques to evaluate and score businesses based on web presence, media coverage, recruitment and a myriad of other indicators.

Primarily working on the back-end of the system and various components that make use of the following technologies (as well as additional unlisted):

- Apache NiFi
- Apache Cassandra
- HBase
- Elasticsearch
- Elassandra
- Java 8
- Vert.x 3
- Spring
- Apache Spark
- PostgreSQL
- Python
- Kotlin
- gRPC
- Protocol Buffers
- AWS
- Linux

Nov 2014 to May 2017 (2 years, 7 months)

Software Developer, *BAE Systems Applied Intelligence*

Worked on key, award winning, products and capabilities, using various technologies and programming languages including:

- Java 8
- Cloudera Hadoop
- Elasticsearch
- Scala
- Apache Spark
- Apache Kafka
- Apache NiFi
- JavaScript
- HTML
- Puppet
- Spring
- SQL
- Apache Tomcat
- NodeJS
- Linux

Primarily worked on Big Data projects initially as part of the Big Data Team and subsequently part of the Data Engines/Processing group within the business on Cyber Threat related projects still leveraging the use of Big Data to detect threats in the Mid-space, that is detecting threats at a national scale. Projects included those designed to leverage open source data as well as proprietary data sources.

Also contributed to development and maintenance of internal development tools and systems including Jenkins, Nexus, SonarQube, GitLab, Docker, and virtual servers. (DevOps)

August 2012 to September 2014 (2 years, 2 months)	**Software Developer**, *IDR Solutions* Worked on key products including a 100% Java based PDF library. Used industry standard technologies including:

- Java 8
- JavaScript
- JUnit
- Jenkins
- GlassFish
- Android

Also published several technical blog articles still available at: blog.idrsolutions.com/author/lyndon

Attended the JavaOne Conference in 2012 and presented a short talk on usage of application servers, primarily focussing on GlassFish.

June 2008 to June 2014 (4 years, 1 month)	**Housekeeper/Porter**, *Nuffield Health* Worked part-time as a Housekeeper and porter in Nuffield Health hospitals.

Education

University	Graduated De Montfort University in 2014 with a First Class Honours in Computer Games Programming (Bsc.).
College	A levels in Computing, Philosophy, Sociology, and a BTEC In IT.
GCSEs	10 GCSEs at A-C grade including English and Maths.

Interests

- Open-Source Software
- Data Science
- Science Fiction
- Writing
- Philosophy
- Video Game Development