

Andrew Jones

andrew@andrew-jones.com

<https://andrew-jones.com>

Software engineer and tech lead. Enjoy solving problems and getting things done. Always looking to learn and improve.

OVERVIEW

I'm a software engineer with over nine years experience in a variety of roles. Most recently I have been working on data platforms with technologies including Apache Beam, Apache Spark, and Apache Mesos.

Since September 2017 I have been working at GoCardless, where I am building a best in class data platform to meet our needs now and as we grow.

Before that I was at Arm, where for the last four years I was the tech lead on Arms internal metrics platform, which aims to collect and store Arms engineering and operations data and prepare it for further analyses. This exposed me to technologies from the Big Data world, including Apache Spark, Apache Flume, Apache Mesos, EXASOL, and Tableau.

Outside of work I enjoy being active. I've ran a number of half marathons (PB 1hr 40) and am a member of the Broxbourne Rowing Club.

At home I enjoy occasional baking and beer making, and working on side projects to improve my technical skills. Currently I'm writing an Apple Watch app to track my rowing.

I blog occasionally at <https://andrew-jones.com>.

PROFESSIONAL EXPERIENCE

GoCardless, London — *Software Engineer*

SEPTEMBER 2017 - PRESENT

I joined GoCardless in September 2017 as the first hire on our new Data Platform team. I'm currently working on building a best in class data platform to meet our needs now and as we grow.

Arm, Cambridge — *Staff Engineer*

SEPTEMBER 2008 - SEPTEMBER 2017

I first joined Arm in 2006 for a one year placement position as part of my University course and accepted the offer to come back once I graduated in 2008.

Since 2012 I have been working on Arms internal **Metrics Platform**, becoming the **tech lead** soon after.

The metrics platform is a centralised system to collect, store, and analyse Arms internal data. The initial focus was on engineering data, for example verification data on Arms processor designs, benchmarks,

TECHNICAL SKILLS

Apache Spark

Apache Flume

Apache Mesos

Lambda Architecture

Git/Gerrit

Ansible

Docker

JIRA

Scala

Java

Perl

JavaScript

Swift

Jenkins

Vertica

EXASOL

Tableau

<https://andrew-jones.com/cv.pdf>

etc, but the platform was designed with other use cases in mind and expanded to collect large amounts of infrastructure data, including HPC data, shared storage, networking, etc. It is used by all of Arms CPU projects for **business critical** reporting and analysis.

As tech lead I am responsible for **managing a team** of developers, **prioritising** and **planning** deliveries, **facilitating** decisions, and **designing** solutions. Until recently we were lacking a project manager, so I was also responsible for all the project management, including stakeholder management, upward management, and reporting.

Under direction of our architect we decided to move to the **Lambda Architecture** in 2014, and I was responsible for implementing that.

To be honest, this project was a challenge. We had an ambitious plan but it took longer to deliver than we anticipated. I **learnt** that I needed to be a stronger tech lead, to be able to **persuade and convince** when I need to, and to ensure the **vision** for the platform was well understood by all team members and stakeholders.

In June 2016 I was invited to speak at the Tableau Conference On Tour, my first **external presentation**. This feels like a milestone in my career, and is an area I want to continue to develop in.

PERSONAL SKILLS

Tech Lead

Solution design

Line management, coaching, and mentoring

Presenting, both internally and externally

COURSES

Emergency First Aid Training — *Broxbourne Rowing Club*

2017

Covering action in event of an emergency; approach to the patient; care of an unconscious patient; CPR; defibrillator use; first aid for bleeding and fractures; dealing with extremes of temperature; drowning

EDUCATION

Bournemouth University — *BSc (Hons) Business Information Technology*

2004 - 2008

A four year course, including a placement year at Arm, leading to a job offer on graduation.

I chose a deliberately varied course because at the time I didn't know what I wanted to do as a career, but soon realised I enjoyed programming and the technical subjects and tailored the course to focus on these areas.