Bruce – wealth of experience in the IT industry

Digital transformation

CTO has been a CIO

Hand punch – for coding

Electronic punch machine to create code

Worked for the Zimbabwean government

Started out as a programmer – worked in operation too

Berkshire hathaway analysed the start up company which he was a CIO

Constant change – speed of change

Comparatively job security compared to other industries

Tarta technologies

Law – complex systems are very hard to gauge the length of time for it to complete

IBM big blue – beat a professional chess 1997

1997 – elon musk have a search engine – google was 9th most popular at the time

Profoundly changing moments in technology:

Personal computer

Iphone

Open source – a movement from proprietary technology

Process control – automated factories – distribution centres with IBM – 1986

Job security? Short project based work and adding value and then moving on to more projects

Its all about the end value you create – essentially create a portfolio with all the previous projects and ideas you have implemented

Only accept jobs that are within your scopes of expertise

Agile – solves the worlds problem of implementing IT systems and improving upon process and people failures

Global business intelligence systems for BP – allowed them to see the operational status of all the businesses worldwide

Amazon and innovation – spearheading the global community on innovation –

Agile – is imperative to be successful in IT industry

Standards and reference architectures

DM book of knowledge – data management

PM book of Knowledge – Project of knowledge

British computer society – SFIA+ skills for the information age – added and modified it: ROLL+ - framework

PATIENCE – 10,000 hours to become an expert/professional at your craft – lifetime of continuous improvement

AIG – worked as a CTO – budget 1 Billion dollars – build their own cloud tried to undercut the price of competitors previously operating in the market

Failed profoundly – lost 50 million

Shadow IT – actuarial work didn’t have a backup – ended up losing all the data due to a power outage

General motors – global procurement – running a widget that would download data for procurement

Business appreciate you for the work that they want you to and not your own ideas – reference architectures

Future:

* Cloud
* IOT

AIG – 3D printing for housing – affect the value of the insurance premium if you can rebuild the house for a tenth of the price

Biotechnologies – sports industries

Favourite movie – avatar – escape the current world and enter an immersive environment through artificial intelligence

Own a drone and artificial intelligence company that attempts to embed artificial intelligence into offices