

Steve Castledine

IT Consultant, Solution Architect, Software, Data, Cloud Engineer

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Personal Statement

A senior IT Consultant, Solution Architect and Software Engineer, with skills in Data and Cloud engineering. I have excellent customer skills and a strong desire to deliver and exceed customer expectations.

I can provide professional skills and consultancy for all IT projects from Solution architecture, technical lead, Software Engineering in multiple languages, Data Engineering, Cloud Engineering, analysis, design, integration, project planning, and delivery management in a variety of methodologies including Agile, with experience across multiple industries including Financial Services, Retail, Warehousing/Supply Chain and Government.

I'm experienced, use common sense, like to plan, like to communicate, keep things simple and just get it done, and get it done right. I also learn and adapt quickly and have great experience in adopting new technologies and techniques to suit the customers environment and way of working.

Key Skills

Solution Consulting/architecture,, System / Data Integration, Data Discovery, Technical Lead, Software Development (Python, JavaScript, React, Java), Linux, Cloud (AWS/Azure/IBM).

Other Technical Skills

Linux, Python, JavaScript, Java, Shell, Groovy, SQL, Eclipse, Git, Cloud, JSON, REST, Hadoop, Databases – experience of MySQL, SQLite, NoSQL, DB2, Oracle, SQL Server, IBM XPages (JSF), LotusScript, HTML, CSS, Dojo, Accessibility, Agile, IBM Notes, IBM Domino, IBM WebSphere, IBM MDM, IBM BPM, IBM StoredIQ, IBM StoredIQ For Legal, Informatica ETL EDC DEI, Knowledge using Jenkins, Chef, CI/CD pipelines, Docker, AWS, Azure

Consulting / Managing / Architect / Advocate

I have spent the past 3.5 years in a 'Services Consultant and Solution Architecture' role at IBM and then Informatica. I'm used to leading delivery and leading technical direction, whilst also getting on with the actual technical work

I have experience of managing support and engineering staff both onsite and offshore. Recently this was as a Python and Integration engineering project, prior to that supporting and advocating for a large big data project on the IBM Cloud (hadoop) and leading Java engineers for an MDM project, which included travel to India.

As part of a previous IBM labs role, I was also an Advocate for IBM software products and engineering on them. I frequently visited customers to talk about this and spoke at a lot of conferences in many different countries, had articles published, book mentions. I also helped run open source projects on behalf of IBM.

Software Engineering

I have been a professional software engineer in various languages and on lots of platforms. I can (and love to) learn new ones. These days I am more of a consultant where I do lots of different things and specialise for a few months at a time then switch to something completely different. I guess that's my primary skill being able to do that (however I still love to code).

I have written code in Java, JavaScript, Python, React, Node.js, Electron, HTML, CSS and more over the years. I am used to Git, code pipelines and writing code for on prem and in the cloud (so especially on web servers and web applications and using REST API's).

For the most recent software engineering I spent most of 2019 designing and coding a Python 3 framework on RHEL Linux platform to perform data integration and automation functions across systems at a large Bank. I designed and built this solution from scratch.

I was also a full-time software engineer within IBM labs for 11 years. For most of those years I wrote Java, as well as other languages such as JavaScript and other web technologies.

I've used Node.js, React, Dojo, and JQuery (a little). I've built cool desktop client's for customers using Electron to perform actions against applications that provide REST API's. Most of my software engineering has been around web servers and I understand how to engineer solutions for frontend and backend, deal with authentication, security, accessibility, bidi, integration with database's etc.

Data Engineering

I am used to designing, using, performing ETL across many different data structures and backends. I have installed and used platforms to handle data which includes products from Informatica, IBM and open source platforms such as Hadoop.

As part of software engineering projects, integration requirements, consultancy etc I have done a lot of work with Databases and SQL. I'm no master DBA but have worked on creating data models, schemas, databases, tables, views, reports on DB2, Oracle, SQL Server, PostgreSQL, SQLite, HBase and nosql. I can write SQL as required and understand how to use within code or applying direct for maintenance purposes. Deeper, more complex SQL queries you will catch me on Google learning and finding out the best query to use for that requirement.

Cloud Engineering

I spent many years working for IBM SmartCloud. This involved writing software for and supporting cloud-based software.

I also spent time managing the support of and advocating for a huge start-up that operated in the IBM cloud using Hadoop and DB2.

More recently I have been working with AWS and Azure and understand/use EC2, S3, Amplify, cloud native application development and deploying environments and software in those clouds (including Hadoop based environments and AWS serverless applications) in addition to the Azure equivalents.

Data Discovery, Governance and Compliance

At Informatica and previously IBM I consulted, installed and used platforms to perform data analysis within enterprises from meta data discovery, structured and unstructured data discovery, and analysis for GDPR or other forensic requirements. Products include Data Catalog, Data Preparation, StoredIQ, StoredIQ for Legal, MDM.

Current Role

Big Data Engineer and Emerging Technologies Senior Consultant for Informatica.

Am in the field services consultant delivering big data solution delivery, lead technical advisory, integration and software engineering skills for large European organisations (mainly financial) deploying and integrating Informatica products and solutions.

Employment History

Informatica Big Data Engineer and Emerging Technologies Senior Consultant

UK | Permanent | 02.2020 > Present

- Senior consultant / big data engineer integrating Informatica Software in Customer environments (Data products, Hadoop environments including integration with AWS/Azure)

IBM Data and AI Services Technical Solution Architect

UK | Permanent | 03.2017 > 02.2020

- Technical Lead/ Integration Architect StoredIQ For Legal project providing legal hold matter management and integration with a Swiss bank's HR, security and global legal hold systems. Designed/implemented a full integration suite running on Red Hat Linux server with Python 3, shell, Git, PostgreSQL, sqllite, Jenkins, Autosys, monitoring, backup automation
- Remote development/support team lead
- Customer support advocate/manager of a credit card companies start-up in Dublin. Providing advocacy for company within IBM and developing/managing offshore support network for large cloud-based Hadoop deployment
- Technical consultant designing/deploying StoredIQ GDPR unstructured data search solutions and integrations for Bank's and sporting organisations.
- MDM (Master Domain Management) technical consultant deploying and integrating IBM MDM solutions at Bank's including working with WebSphere, IBM MQ and IBM BPM, integrating using Java custom solutions

IBM Senior Software Engineer

Littleton | United States | Permanent (mostly remote from the UK) | 04.2006 > 03.2017

- Senior Java and web software engineer (javascript, CSS, HTML) for IBM SmartCloud
- Lead for accessibility/bidi/security of IBM SmartCloud Notes cloud software
- Lead of openntf.org open source project, Conference speaker in US and UK
- Built and delivered social solutions including blogs/wiki's applications (used by thousands of customers)
- Developer / customer advocate for IBM application development platform Domino/XPages (java/JSF)
- Engineer for the email/collaboration product IBM (Lotus) Notes / Domino with associated functionality such as calendar, notebook, bookmarks

Associated British Foods/British Sugar

Peterborough | UK | Contract | 08.2003 > 04.2006

- Senior Web, IBM Domino, Lotus Notes Software Engineer
- Designed and built a browser-based factory control system which covers things like Shift management, Engineering Maintenance, Planning, Health and Safety Incidents, Day to Day planning/incident management and stock/ production control information for all of the British Sugar factories across the UK
- Designed and built Competition Compliance Contact Reporting System
- Designed and built a Legal Document Framework Extranet and E-Learning system for the ABF group of companies.

Ramesys/ASDA/Walmart/Tesco/Waitrose | Leicestershire | UK | Contract | 08.2001 > 11.2002

Architect, developer for an online food supply chain system using IBM Domino / Java / JavaScript for Walmart/ASDA/Tesco/Safeway.

Various IT contracts and positions | UK | 05.1996 > 11.2002

Transco, British Gas Plc, HM Treasury, GlaxoSmithkline, Haringey Council, Toyota Financial Services > Web Development, JavaScript

Education: Guthlaxton College, Leicester, UK – 9 GCSE's C+