**Faye Fenner**

**FDM Consultant**

**Profile**

Faye is a confident IT developer with 5 years of practical coding experience across multiple technologies covering both green field and legacy projects and a proven ability to flourish as part of a development team. A flexible individual, he has performed B.A. and project support tasks in addition to his development role in Agile, Scrum, Waterfall and Kanban environments. Faye is an excellent communicator and is adept at articulating complex I.T. problems and their solutions to stakeholders at all levels in an accessible format. This experience with his financial and legal backgrounds makes Faye an asset to any team.

**FDM Employment History**

**International Airlines Group, Heathrow September 2019 – May 2020**

*Lead IT Developer*

Working on a waterfall project to create a full reporting system for the Treasury Department at IAG.

**Responsibilities:**

* Designing the architecture of the entire reporting system from scratch.
* Developing a greenfield set of Python and Django applications to allow web based manipulation of the data, overnight cleaning, loading and processing of a variety of inputs, validations, unit testing and report generation in multiple output forms alone using a repository pattern on time and within budget.
* Designing and implementing multiple databases for the reporting system.
* Implementing an AWS instance for the reporting system and deploying the code using Docker and Kubernetes then Docker and Fargate and negotiating with IAG IT Ops to find support for the application.
* Implementing desktop instances for the creation of individual reports when it became clear that all IAG projects were to be closed prematurely due to the Corona Virus.

**Achievements:**

1. Performed the Architect, PM and BA roles in addition to his role as developer to ensure project delivery.
2. Faye was solely responsible for all aspects of the reporting system.

**Areas of I.T. development worked included:**

Python (Anaconda Library set), Django, AWS (Fargate, EKS etc), PostgreSQL, Docker, Kubernetes

**Lloyds, Glasgow February 2019 – May 2019**

*Cyber Security Analyst*

Working in the Cybersecurity Team to ensure the smooth operation and security of all mainframes across the bank. **Responsibilities:**

* Responsible for the smooth running of the mainframe.
* Responsible for all access management/security activities for multiple systems across the entire bank.
* Responsible for password reset oversight as well as batch revocation of accounts for housekeeping purposes.

**Achievements:**

1. Was able to train two other members of the team in the usage of RACF.
2. Was able to sort out escalated problems that no-one else was able to deal with through knowledge of systems.

**Areas of I.T. development worked included:**

RACF, ACF2, Top Secret, SQL, Teradata

**HSBC, London and Edinburgh September 2017 – December 2018**

*Developer/Data Analyst*

Working in Wholesale Credit Risk on the Google Cloud Project team to build the code base to create an ETL, Encryption Software and ancillary applications to process all of HSBC’s data from around the world (petabytes of data).

**Responsibilities:**

* Writing numerous large greenfield python applications on demand and then leaving them in capable hands to be run including a full ETL tool, an encryption and masking tool, a data integrity tool, and validation tools.
* Designing and building the 200 (now 500) table database now used by the team before handing it over to the rest of the development team to build upon and maintaining the catalogue of data correctly.
* Updating and creating the ETL SQL scripts and ensuring that they operated in MySQL for Google BigQuery too.
* With limited data, recreating entire data feeds and ensuring they were correctly processed into the database.

**Achievements:**

1. Was placed in charge of a team of three developers in India
2. Faye‘s encryption/masking system was used in 3 departments of HSBC as their encryption system due to its speed and efficacy.

**Areas of I.T. development worked included:**

Python (Anaconda Library set), Google BigQuery, Microsoft SQL Server, Java, Git, Technical Reporting/Documentation.

**Virgin Money, Newcastle February 2016 – July 2017**

*IT Developer*

Working on a waterfall project to update every app in the company to function in virtualized server-based remote access desktop environments (using Citrix) then an agile scrum team to produce a web application.

**Responsibilities:**

* Re-factoring and re-writing a lot of code when upgrading hugely from .Net framework 1.1 and 2 to 4.0 and 4.6.
* Utilising a variety of technologies: threading, logging, centralised configuration, dependency Injection, email (SMTP), MSIs for quick desktop delivery, MSTest & Authentication to aid thin-client functioning.
* Developing a greenfield C# .Net desktop application alone using a repository pattern on time and within budget.
* Developing code for an AD search and ranking system which was then utilised for another two applications.
* Working in a scrum team to develop an internal web portal for creating new banking products. It connected RESTfully to APIs and connected to an oracle database. It is how Virgin Money creates all bank products now.

**Achievements:**

1. Was able to step up to the PM and BA role in addition to his role as developer to ensure project delivery nationwide.
2. Faye was solely responsible for fixing an error in a group of VB6 COM components on which the entire company desktop estate relied. It had been a recorded error for 20 years. Savings account opening in every store in the country failed roughly 20% of the time because of it, causing time wastage, manual entry, and company embarrassment.

**Areas of I.T. development worked included:**

C#.Net, VB.Net, TFS, Bootstrap, SCCM, HTML, Moment, Gulp, Lodash, JavaScript, Oracle SQL (including PL SQL), VB6, COBOL, Angular JS, Jasmine, Karma, Protractor, Selenium, NUnit, Git, Technical Reporting/Documentation, Dev Ops

**Hastings Direct Insurance, Bexhill-On-Sea April 2015 – December 2015***Junior IT Developer*

Working in the IT Core development agile team, then the IT Business as Usual Kanban team.

**Role included:**

* Database development and improvement including overhauling the overnight loads which were failing frequently.
* Creation of new credit rules engines in the database.
* Fielded all 3rd level I.T. problems in the anti-fraud and customer service departments using C#.Net and MS SQL.
* Coding changes in CSS/HTML/JavaScript for the intranet (SharePoint 2007) and web quote journeys.
* Coding the Real Time Pricing engine (the code that determined insurance product prices) in agile java.

**Achievements:**

1. Responsible for a 20% reduction in the number of outstanding problems requiring attention by himself.
2. Overseeing the Real Time Pricing element of the Claims Underwriting Exchange deployment as it was so large that it spanned months of co-ordinated effort and required regular meetings and liaising with all levels of the business.

**Areas of I.T. development worked extensively in included:**

C#.Net, Java (Drools plugin in particular) in conjunction with FileZilla, Advanced Excel dashboards, CSS, HTML, JavaScript, Microsoft SharePoint 2007, SQL Server (including SSIS/SSRS), Technical Reporting/Documentation.

**FDM Training**

**FDM Academy, Leeds January 2015 – March 2015**

Faye has completed the Data .NET Development programme. This programme included the following modules:

1. **Professional Skills** including development lifecycle, presentations & report-writing.
2. **SQL** using Oracle SQL Developer including all DML, all DDL, relational coding, in-line statements.
3. **Excel including VBA,** Solver, Aggregate Functions, Nested If statements, V-Lookups.
4. **Unix** including Vi Editor, Shell Scripting, Putty.
5. **Web Apps Design** including HTML 5, CSS3, JavaScript, XML & XSL.
6. **Object Oriented Development** including Core Syntax, OOP and SOLID principles, Design Patterns.
7. **Core Java Development** including Maven, Jenkins , Spring and Core Java Development.
8. **.Net Development** including C#.Net, Net Framework, Nuget, NUnit, Git, TFS, TDD, Moq, Logging
9. **Data Access in .Net** including ADO.NET, Entity Framework , SQL Server and NTier architecture
10. **Web Programming** including ASP.NET, WCF;
11. **.Net Windows Desktop** including WPF, MVVC;
12. **Software Development Projects** over the course of two weeks;
13. **Sign Off Week** includes a final Exam and Technical interview

**Education**

**Generic University September 2013 – July 2014**

**Postgraduate Diploma in Professional Legal Studies (PGDip)**

Modules included: Accountancy, Financial Services and Related Services Company and Commercial, Corporate Finance.

**Generic Univeristy**

**LLB (Hons) Law (with French), 2:1 / GPA 3.5**

Modules included: Copyright law (including law regarding I.T. programs), Industrial property law, French

**Dissertation:** Peer to Peer file sharing: A critical analysis of the Anti-Counterfeiting Trade Agreement

**Cyber Security Qualifications: 1.** CompTIA A+ 220-1002 Core1&2, **2.** CompTIA Network+ N10-007, **3.** CompTIA Security+ SYO-501, **4.** CISCO 100-105 ICND1 Interconnecting, **5.** Microsoft 70-697: Configuring, **6.** Microsoft 70-680: TS Configuring , **7**. ITIL Foundation 3

**Further Qualifications:** PRINCE2, ACCA Accountancy Qualifications

**Languages:** French, Russian, Mandarin, German

**Interests and Activities**

Faye writes freelance, plays the flute, plays chess at county and club level in tournaments and teaches French as a tutor on weekends. He also programs web applications and trading APIs (testing his own algorithms) in his spare time.