CURRICULUM VITAE

IAIN JAMES GORDON

PROFILE:

I am a keen, determined and reliable person who enjoys a challenge and commits fully to the task at hand. I am well organised, I thrive under pressure and I am able to adapt to any environment. I work proficiently both as part of a team and on my own. I enjoy roles in programming and technology that are engaging and inspire creativity.

EDUCATION:

2010 - 2014   SOUTHAMPTON UNIVERSITY
Computer Science (MEng) - 1:1
Dissertation: An Exploratory Insight Into Weighted Social Networks With Spatial And Homophilic Affiliations.
Modules including: Advanced Databases, Critical Systems, Intelligent Agents, Computational Biology, Information Security, Management, Enterprise Web, Group Project with Siemens Rail.

EXPERIENCE:

2017 - Current   ASSOCIATE II SOFTWARE ENGINEER - IHS MARKIT

I am one of four London based developers working on a product called Totem; providing consensus based prices for OTC derivatives. I develop new features and provide L3 support in conjunction with a larger offshore team in Noida, India. I work closely with the London based business team to understand requirements and deliver functionality that is both flexible and maintainable.

In 2019 I upgraded our codebase and servers to Java 8, and restructured it to lead the way to migrating from a mercurial to a Git based workflow. This split the application from its monolith state into more modular repositories and reduced build times by up to 50%.

I built and maintain our current job scheduler which utilises Quartz, RabbitMQ and our Oracle database to synchronise tasks across every linux box in each of our environments. This allows the business to schedule workflows to run at set times relative to any timezone.

I currently work as part of a service automation group that is focused on further standardising our platform and onboarding services that are currently more manual and bespoke. We are achieving this through increasing the modularity of the code and moving some features such as validation to a service based approach where we utilise AWS lambdas.

Some services work with millions of rows of data so I am constantly looking to reduce our turnaround time while increasing stability through thorough unit testing and liaising with QA to ensure appropriate coverage is in place.

2014 - 2017	TECHNICAL ANALYST - J.P. MORGAN

2015 - 2017   *APPLICATION DEVELOPER - EXCHANGE TRADED FUNDS*

Agile team of 7, developing and supporting a Java based solution for the processing of exchange traded funds. I gained experience using Oracle databases, Spring, Mule and Drools, as well as Maven and Git for code management. The team was strongly influenced by BDD and TDD ethos leading to a very stable product. I have experience using Fitnesse, Cucumber, JUnit and Mockito to write acceptance and unit tests.

Applications hosted on a linux stack and all production data thoroughly segregated from developers, meaning logs are crucial for debugging. We were transitioning from SSHing to see log files to using elastic search solutions such as Splunk and Kibana.

Outside of my main role I helped drive a peer-based learning initiative, bringing subject matter experts from different business areas to present knowledge sharing sessions. To facilitate this I helped create an intranet calendar and registration system using SharePoint, jQuery and Bootstrap. I then repurposed this into a global registration platform for events within JPMC, now hosted on GAIA (internal cloud platform) and using MariaDB and node.js, supporting over 38,000 event signups for the annual 'Global Innovation Week' events. The platform has been internally recognised for the strides we've made toward user accessibility.

2014 - 2015   *MAINFRAME QA TESTER/LEAD - FUNDS TRANSFER SYSTEM*

Led a team of up to 5 offshore testers in performing functional testing of COBOL/natural programs in a waterfall development cycle. Liaised with Application Developer and Business Analyst teams to deliver 3 successful projects.
ISTQB - Foundation level testing qualification obtained.

2013	TECHNICAL ANALYST (*summer internship*) - J.P. MORGAN
Summer	Application Developer working on a business activity monitoring system, with a focus on automated testing, UX and bespoke java software in an agile development lifecycle.

SKILLS - (Programming/Markup Languages)

- Java
    - Frameworks - Spring, Hibernate
    - Unit Testing - JUnit, Mockito, PowerMockito
    - Acceptance Testing - FitNesse, Cucumber
- Version Control Systems
    - Maven
    - Git/SVN/Mercurial
- Build Management
    - Jenkins
    - Puppet
- SQL
- Basic web experience (HTML/CSS, JavaScript, JQuery, Node, REST)

INTERESTS

- Travelling - I am fortunate enough to have visited 20+ countries, and realise the importance of good communication skills and an understanding of other cultures.
- Photography
- Competitive games - Board Games / Computer gaming
- http://iain.gg - my website (WIP)