

Pete M McCarthy
23a Cranley Gardens, London, N10 3AA
pete.m.mccarthy@gmail.com
Tel: 07791 963443

Front End Developer - British Gas Plc - May 2015-present

- Work as part of a SCRUM team rebuilding the British Gas digital journey. The team includes Front and Back End Developers, Designers, QA Testers, Business Analyst and Product Manager. We utilise Agile Methodologies and deliver MVPs during 2 week Sprint cycles
- Involved in each area but my main role is to bring UX designs to life in single-page applications using the EmberJS framework
- Javascript is my main programming language, handlebars is used for templating, layout and styling is implemented following the British Gas Style Guide using Bootstrap, HTML, CSS and LESS for pre-processing. Http requests are sent/received from API end points for data
- Code is tested using Qunit - unit tests for functions/methods, integration for components and acceptance for user journeys
- GitHub for version control - I try to make small commits with clear descriptive messages. Code is always subject to peer reviewed/merged Pull Requests. I also review others code as part of the wider Front End Development team

Makers Academy - Software and Web Development bootcamp - Jun-Sep 2014

Highly selective full-time 3month full-stack Web and Software Development course with a focus on learning Object Oriented Programming and Test Driven Development to produce clean, maintainable code.

Skills and technologies learnt:

- Primary language: Ruby, others: Javascript, CSS3, HTML5
- Frameworks - Rails and Sinatra
- Test Driven Development - RSpec and Jasmine for unit testing, integration testing with Capybara and Behaviour Driven Development using Cucumber
- jQuery, AJAX and JSON
- Databases: PostgreSQL and ActiveRecord
- Version control and collaboration using GitHub
- Two-week final team project to bring it all together

Structured Products Middle Office - Nomura International Plc - Jul 2010-Jun 2014

- Support for the Algorithmic Strategies trading desk and in house Fund Managers for interest rate and commodity trading activity including flash pnl generation, activity reports, structured deal reviews and lifecycle management
- Built out the operational support function for the Re-insurance trading business including full review and documentation of all deals and operational risks
- Proactively identified processes to be migrated to the Mumbai Middle Office including working out there providing support and training

Structured Rates and Inflation Middle Office - Citigroup Plc - Sep 2008-Jul 2010

- End to end life of trade owner for Structured Rates trades ensuring captured correctly in risk management systems, confirmation review, coupon calculation and booking where appropriate and further lifecycle activity such as upsizes, restructures and unwinds

Interest Rate Swaps Middle Office - J P Morgan Plc - Mar 2007-Sep 2008

- Managed the flow of Interest Rate Swaps and Forward Rate Agreements between the trading floor, risk management and Back Office systems ensuring risk and pnl is captured and in line with expectations

Product Manager, FX and Derivatives - Barclays Bank Plc - Aug 2005-Mar 2007

- Driving and supporting sales of circa £200m p.a. profit FX and Derivatives product set for UK Corporate clients. Identified and implemented new opportunities to increase profit, including £3.5m p.a. incremental profit through margin management of small deals and £2.5m p.a. through implementing asymmetric pricing margins

Service Support Manager - Barclays Bank Plc - Jan 2004-Aug 2005

- Took ownership of clients' service issues for Corporate Banking sales teams and worked with supplier managers, other business units and external suppliers to resolve, improve or eliminate service issues

Education

- Makers Academy – 3 month Software and Web Development bootcamp (June – Sep 2014)
- B.A. Business Economics(2:2), University of Leicester (Sep 2000 – Jun 2003)
- Mathematics & Economics Foundation Course, University of Leicester (Sep 1999 – Jun 2000)

Interests - Cycling, technology, climbing, skiing, outdoor pursuits and travel.