Stuart McNeill

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PROFILE

Creative and inventive web developer, excels at working closely with clients to build effective and engaging software solutions and user experiences.

Building dynamic, engaging and accessible websites and RIAs through the creative use of Flash, Flex, AIR, PHP, Django, JQuery and CSS. Particular strengths include using the Robotlegs MVC framework and design patterns to create extensible, maintainable projects and creating beautiful user interfaces using Photoshop, Fireworks and Flash.

TECHNICAL SKILLS

- Actionscript 3
- Flex/Flash/Air
- Python, Django
- PHP, Laravel

- JQuery
- CSS, Bootstrap
- Flash Builder
- MySQL/SQLite

- Continuous Integration
- Git Source Control
- Agile
- PostgreSQL

- Flash Professional
- Photoshop
- Fireworks
- Illustrator

HND - Higher National Diploma Graphic Design, York College

RECENT ASSIGNMENTS

Keytree - Expenses application — www.keytree.co.uk

A contract to build an expenses and time tracking application for the Publicis organisation, built using Flex with the Parsley framework. Publicis are a large global organisation that own many advertising agencies. They have invested heavily in an SAP solution for submitting/approving expenses and tracking time spent on jobs. Keytree were hired by Publicis to develop an elegant and user friendly flash/flex front end for the application. I worked with the lead flex developer to architect and build the application.

Medical Protection Society - Flex application — www.medicalprotection.org/uk

A contract to build e-learning resources and tests, built using Flex with the Robotlegs framework. MPS wanted a dynamic application to produce resources from assets described in xml (rather than individually built with Captivate). I built a base application in flex which could also load and interact with loaded swfs created in Flash.

Testwise - AIR application — www.gl-assessment.co.uk

Testwise is currently a flex application for delivering learning assessments to many UK schools. I was tasked with creating a standalone AIR version that integrated with a bundled java application and saved all user details and test records to a local sqlite database.

E-learning resources - BT Expedite — www.btexpedite.com

Created various interactive flash resources to be used in a Captivate e-learning product for WHSmith. Involved scripting in AS3 and animation libraries, and also creating visual assets with Adobe Photoshop and Fireworks.

Met Office flex application — www.metoffice.gov.uk/marine/safesee

A contract to complete the presentation layer of a large flex application called Safesee for the Met Office. Safesee worked with multiple weather data feeds and allowed the client to view the data set in multiple ways i.e. tabular, graphs. The app also included a google map component with a custom data layer.

Smartfox Chat application — www.crispthinking.com

Created a flex chat room demo application utilising the Robotlegs framework and implementing Google translation API and Facebook Connect API. Also created a flex auto predict search component and separate word check library for implementation in game chat room environments. The component implemented the Adobe Squiggly spell check library.

Smith & Nephew AIR Cost Illustrator — www.jmp-partnership.co.uk/gallery-12/

A contract with JMP Partnership to design and build a sales cost calculator for Smith & Nephew, using Adobe AIR, the Robotlegs framework and SQLite. The AIR cost calculator connected to a local Sqlite database containing data on both S&N and competitor dressings. This enabled sales advisors to illustrate clear cost comparisons for different dressing types, Save illustrations to the database and prepare nicely designed PDFs to give to prospective clients.

Keytree www.keytree.co.uk Aug 13 - Feb 14
FLEX/AIR DEVELOPER
A contract to build an expenses and time tracking application for the Publicis organisation, built using Flex with the Parsley framework. Work also involved creating graphical assets using Flash Professional and Fireworks.

MPS www.medicalprotection.org Sep 12 - May 13
FLEX/AIR DEVELOPER
A contract to create a flex application for building e-learning resources dynamically from source xml files, using Robotlegs framework. Work also involved creating individual assets using Flash Professional and Fireworks.

Res:Harmonics www.resharmonics.com June 12 - Sep 12
FLEX/AIR DEVELOPER
A contract to work on an AIR application to manage serviced apartments. I mainly worked on the UI front-end using Flex and AS3, but also worked on back-end java web services utilising Blaze-DS for remoting.

Granada Learning www.granadalearning.com Sep 11 - March 12
FLEX/AIR DEVELOPER
A contract to create an elearning AIR application distributed nationally to uk schools, to administer screening tests for dyslexia. The Application ('Testwise') currently exists as a flex application for the browser only.

BT Expedite www.btexpedite.com Jun - July 11
FLASH AS3 DEVELOPER
A contract to create elearning resources for various clients using flash AS3, Adobe Fireworks and the Tweenmax animation library.

Purple Secure Systems www.purplesecure.com Mar - May 11
FLASH/FLEX DEVELOPER
A contract to complete the presentation layer of a large flex application called Safesee for the Met Office. Using the Robotlegs framework.

JMP Partnership www.jmp-partnership.co.uk Sep - Dec 10
FLASH/FLEX DEVELOPER
A renewed contract to convert my previous flash AS3 sales application into an AIR application, utilising the Robotlegs framework and SQLite.

Crisp thinking www.crispthinking.com July - Aug 10
FLEX DEVELOPER
Created a flex auto predict search component and separate word check library for implementation in game chat room environments. The component implemented the Adobe Squiggly spell check library. Also created a flex chat room demo application.

JMP Partnership www.jmp-partnership.co.uk Feb - May 10
FLASH/FLEX DEVELOPER
Took over and completed a flash AS3 project to construct a cost calculator for a pharmaceutical company. Completed project to a tight deadline and made significant improvements to code base including implementation of the Robotlegs MCVS framework.

Byland Engineering www.bylandengineering.com June 09 - Jan 10
PYTHON/DJANGO WEB DEVELOPER
Architected and built a dynamic, content driven website in Django. This small company of civil engineers wanted to be able to create and maintain a company intranet and website themselves. I achieved this by building the website using the Pinax framework which runs on Django. This allows the client to create and administer content through an elegant admin back-end.

Xerox www.xerox.co.uk March - May 09
FLEX DEVELOPER
Architected and built a flex application for Morrisons that allowed operators in Morrisons production facility to track customers' gift orders through the production process. The application was constructed using the Mate framework implementing the MVC design pattern to access remote web services created in .NET.