Go Developer

**What I do**: Server-side development in Go, focusing on RESTful APIs and microservices.

**How I do it**: Test Driven Development (TDD); strong advocate for Agile and Lean approaches.

<https://github.com/brainboxweb> - Code repository.

https://www.youtube.com/DevelopmentThatPays - Blog focusing on profitable software development via agile and lean principles. At 25,000 subscribers, it’s the largest Agile channel on YouTube.

Sep 17 – Jan 19 Senior Platform Engineer (Go) | FarePilot (backed by Shell and BCG)

*FarePilot is a machine learning venture that helps taxi drivers to get more fares.*

* Created an admin console (Buffalo) for driver on-boarding.
* Created a miroservice for map features (such as petrol stations and toilets).
* Migrated multiple microservices (and monolith) to CircleCI 2.0.

*Platforms: Kubenetes (K8S) on Google Cloud Platform (GCP); Heroku (legacy)*

*Deployment: CircleCI*

*Monitoring: Prometheus* → *Grafana* → *PagerDuty*

Feb-Sep 17 Go Developer, PHP Developer | NaturalMotion (part of Zinga Inc)

*NaturalMotion is a mobile game creator.*

Brought on to assist with the migration of a mobile game - *Dawn of Titans -* from PHP to Go; unfortunately, the migration project was cancelled 3 month after I joined.

* Dev-On-Call responsibility.

*Platforms: AWS: 8 (micro)services; ~90 EC2 instances*

Sep 16 – Feb 17 PHP Developer | Perkbox

*Perkbox is an employee benefits and perks company.*

* Domain Driven Development (DDD).

Nov 15 – May 16 Go Developer, PHP Developer | Sainsbury’s

* Built a REST Notifications API in Go/PostgreSQL. Verified the API using GoConvey and Dredd.
* Provided operational support for Sainsbury’s Nectar service client.

*Tech: PostgreSQL, GoCD, Kibana, DataDog, Dredd (for API Blueprint)*

Feb-Aug 15 Go Developer, PHP Developer | The Economist

* Developed a RESTful configuration microservice for iOS apps (Go + Redis)
* Created standardised Development Environments with Vagrant and Docker
* Migrated a classified ads service to Symfony2/Doctrine

Oct 14 – Feb 15 PHP Developer (Symfony2) | IntuDigital

*IntuDigital is the digital arm of shopping centre company Intu,*

* Added affiliate offers: consuming the feed; import to elasticsearch; ESIs (Edge Side Includes).

*Tech: elasticsearch, Doctrine, Content Repository, PrestaCMS, Memcache, Varnish, ESI*

Feb-Oct 14 Senior PHP Developer | Sportlobster

*Sportlobster was a startup aiming to become the “Facebook for Sports Fans”*

Improved the reliability and responsiveness of the Sportlobster API via behavioural testing.

*Tech: Silex, Doctrine, MongoDB, Behat, PHPUnit, memcached*

Feb 12 – Feb 14 PHP Developer | BBC Worldwide

* Helped launch bbc.com/**autos**, bbc.com/**culture** and bbc.com/**capital**
* Handled the migration of 6000 images from legacy systems
* Helped deliver bbc.com/**autos** in 8 weeks and bbc.com/**culture** in less than 5 weeks

*Tech: Zend Framework, Behat, PHPUnit, Electron, Apache Solr, memcached, Varnish*

Oct 10 – May 11 PHP Developer, Centrica/British Gas

Brought in to assist with the integration of a third party system with British Gas systems.

* Liaison with Cambridge-based AlertMe to determine functional fit with the requirements of British Gas

Jun-Aug 10 PHP Developer, OutsideLine

Development of <http://www.mediatrust.org>/, a **CodeIgniter**-based website.

* Created forms for the Column Idol competition (in association with The Sun newspaper)
* Extended the back-end functionality to match *volunteers* with *charities*

Jan 09 – Mar 10 PHP Developer, Bloomberg New Energy Finance

Contributed to the development of a new **CodeIgniter**-based platform.

Nov-Dec 08 PHP Developer, BigKid (part of FMG)

Customisation of a Pixaria website. (Pixaria is a CMS/eCommerce solution for photo galleries.)

Jun-Sep 08 PHP Developer / Systems Analyst, Google

Assisted with the delivery of a Career Development Portal for **Google** Human Resources.

* Created functional specifications, system specifications, and working prototypes
* Liaised with third parties in Eire (business psychologists) and India (offshore developers)

Mar-Jun 08 PHP Developer, Digitas

* Led the development of a portal website: Nakheel Communities

Jan-Mar 08 PHP Developer, Glasses Direct

* Assisted with the migration of the catalogue functionality from procedural to (OO) / MVC

Mar 04 - date Owner / PHP Developer | Brainbox

Provided website development, hosting and maintenance for member-based organisations (including the *Records Management Society* and the *Association of Speech and Language Therapists in Private Practice*).

Brainbox closed to new business in 2008, but I still have clients today.

Dec 99 – Mar 04 Project Manager / Business Analyst / Systems Analyst, netdecisions (later Agilisys)

* Led the scoping and full specification of EMAP’s giftware exchange [-](http://www.gift-track.com) GiftTrack
* Led scoping activities for various [www.holidaycottagesgroup.co.uk](http://www.holidaycottagesgroup.co.uk) projects

Sep-Dec 99 Web Developer, Domino Systems

* Handled the revamp of a transactional business-to-business site,

Jun-Aug 99 See Education and Qualifications

1997-98 Director of Marketing | Gould Instrument Systems Ltd

Appointed to the board to take worldwide marketing responsibility of the $12M business.

1995-97 Business Development Manager | Raychem Ltd

Full responsibility for Raychem’s leak detection business in Europe. Grew the business 40%.

1994-95 Product Manager/Project Leader | Raychem Corporation, USA

Re-hired by Raychem to rescue and manage a $5M leak detection systems business. Turned around a pivotal electronics development project through applying classic project management techniques to create the cornerstone of a world-wide re-launch programme.

1990-93 Marketing Manager | Raychem NV, Louvain, Belgium

1989-90 Product Manager | Raychem SA, Pontoise, France

1984-89 Technologist and Development Engineer | Raychem Ltd, Swindon

Education and Qualifications

1993-94 Cranfield School of Management, Master of Business Administration (MBA)

* Double degree programme with Group ESC, Lyon, France.
* Courage Award for academic achievement (top 10 students).

1994 Chartered Institute of Marketing, Diploma in Marketing

1981-84 UMIST, Manchester, BSc (Hons), Physics II(i)

1974-81 4 A-levels - Maths, Physics, Chemistry, General Studies. 10 GCSEs.

Personal

Status: married with two children

Nationality: British

Driving licence: full