

## **ALASDAIR WATSON - 0778 9000 228 - [aldasair@black-ink.org](mailto:aldasair@black-ink.org)**

**270A Mitcham Road, Tooting, London SW17 9NT**

A highly experienced technical manager, self-motivated with strong technical skills, used to responsibility and working under pressure. Extensive experience of full lifecycle development. Passionate about staff/team development over the long term.

Experience:

### MANAGEMENT

Member of the senior management team at previous employers, involved in decisions regarding company direction, recruitment and expenditure.

Used to managing the a team of 7-10 developers across a variety of projects, overseeing their work schedules, ensuring that work is delivered on-time and on-budget. Able to mentor staff at a variety of skill levels from junior to senior, overseeing immediate project goals, and the bigger pictures of both their individual development, and company growth.

### PROJECT

Has developed web applications through a full life cycle in response to management and client requirements. Able to write clear and concise proposals and specifications for self and others. Project management using both traditional and Agile development practices.

### TECHNICAL

Core Technologies:

PHP, SQL, CSS, JavaScript (jQuery and Prototype), PHPUnit, Redis, Memcached, Beanstalk

Environments:

Apache, Nginx, MySQL, postgresSQL, IIS, SQL Server, all bare-metal and virtualised

Platforms:

OS X, Windows, Linux (Debian and Ubuntu), AWS, various virtualisation platforms.

Frameworks:

Laravel, Wordpress, CodeIgniter, bespoke platforms

### EXAMPLE PROJECTS

Dev Team Manager On:

Taxicode

Taxi booking API powering several websites and mobile apps, along with back end management systems to process payments through multiple providers (Stripe, Paypal, Sage, Mobile Payments and others) and managing transactions for both customers and partner minicab operators.

FuseAware

A web and mobile platform for providing complex Real Time Location Service and Business Insight/Productivity information for the construction and logistics industries.

Tfl Digital Signs Project

A major infrastructure project for Transport for London, consuming real time bus arrival data for 18,000 bus stops across London, and making the data available on the web. Designed to cope with extremely high levels of traffic, and for near-100% uptime, with an extremely robust testing and rollout service to manage upgrades to the service without interruption to service delivery.

NudgeCRM

A platform for Pub/Bar/Restaurant operators to provide full ECRM facilities across their estates, deployed with a service oriented architecture, so that the components of the platform can be deployed and customised bespoke to each operator.

## Employment History

Sept 2018 - date

Employed by Taxicode as Head of Application Development, managing a small team of developers to re-architect and improve a large existing legacy application, bringing it up to modern standards while maintaining and improving system features. Introduced and championed TDD and Agile working practices to improve development team output.

June 2018 - Sept 2018

Employed by Squiz as a Technical consultant, taking client requirements, proposing solutions and writing development team briefs.

June 2017 - June 2018

Employed by fuseAware as Development Manager - responsible for leading a cross disciplinary technical team, and architecting a rebuild of the backend systems taking them from a prototype to a market-ready application.

### **Key projects**

- Rebuild of backend PHP/Laravel application.
- Oversight on mobile application development on iOS and Android.
- First live client deployments of system.
- Championing Agile/TDD/BDD working methodologies.

July 2016 - June-2017

Employed by ResDiary as Head of Application Development following the acquisition of NudgeCRM by Resdiary.

### **Key projects:**

- Phase 1 integration of the ResDiary and NudgeCRM applications. Involves both building new REST APIs at the NudgeCRM side and writing clients to consume new APIs on the ResDiary side.
- Customer-facing deployment automation application. A stand-alone application, designed to configure and deploy an installation of the NudgeCRM platform. A Laravel application, integrating via API and other means with a variety of third party and internal tooling. (For example: Gitlab, PHPCI and Deployer, along with internal scripting.)

Feb 2009 – July 2016

Employed by NudgeCRM as Head of Application Development. The role involves a mixture of team leadership, technical planning, product management (determining new feature rollout for the company's primary product), project management, (often across multiple simultaneous projects for multiple clients), and some hands-on coding.

### **Key projects:**

- Lead team responsible for delivery of the NudgeCRM application, a booking/restaurant management/CRM platform for restaurants and bars. PHP/JS/Postgres/Memcached development with a modular SOA design to be deployed as individual client installations sharing a common, extensible core that can continue to be extended and developed so that clients get the benefits of new functionality, but can retain their individual customisations.
- REST/JSON API design for the NudgeCRM application.
- Deployment automation using OpenVZ and Sprinkle.
- Internal Processes - championed adoption of Agile methodology and TDD/BDD practices.

Feb 2006 – 2009

Employed by Aardvark Media as Senior Developer in an OO-PHP/PostgreSQL environment, working on a full CMS/ECRM/E-commerce systems for a number of agency clients, which involved implementing a custom application development framework in PHP.

### **Key projects:**

- Created a bespoke MVC framework in PHP for use across a variety of projects.

- TfL Digital Signs project - High performance data processing and publication in PHP and Javascript, using Ngnix, PHP-FPM, Lua, Memcached and Redis.
- Worked on a custom in-house email marketing system using PHP, PostgreSQL and Javascript, generating detailed open/clickthrough statistics through Apache log file parsing.
- Built and deployed Secure Document Management portals for several financial services clients in PHP/SQL/JS.

Nov 2004 – Feb 2006

Employed by Sanctuary Media as a Lead Developer on a variety of systems, primarily in an OO-PHP/MS-SQL system environment. As well as having sole technical responsibility for PHP system design, the role required gathering client requirements, writing and getting client sign-off on systems specifications, and managing projects and co-ordinating input from various different departments from the earliest phases, through go-live and into maintenance.

Aug 2004 – Oct 2004

Contracting with Monitor Media as a web developer to build a bespoke secure on-line booking/payment system with OO-PHP/MySQL/XML.

Jan 2003 – Aug 2004

Employed by Aardvark Media as a OO-PHP/PostgreSQL developer, working on a variety of sites.

July 2002-Dec 2002

Employed by The Internet Corporation as a OO-PHP/MySQL developer. In addition to technical responsibilities, the role required liaising with freelance designers to ensure that the design requirements of various projects were met, and that the integration of their work with internal development work went as smoothly as possible.

June 2000- July 2002

Employed by ipoints Ltd. as a Systems Developer.

June 1998 – June 2000

Employed by Newsquest (London) as a Systems Developer.

February 1998 – June 1998

Employed by Hyperlink plc. as an Internet Researcher.

#### Personal

British, Age 43 (DoB 25/3/77), Single, full drivers licence.

#### Interests

Web development as it relates to media convergence, social networks, on-line identity management and privacy issues in the digital era. Photography.

#### Education:

Wallington County Grammar School 1988-95. 10 GCSEs; 4 A-levels.