NATHAN BROWN

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Nationality: **British**
Current Location: **Cornwall, UK**

EDUCATION

The University of Wales *Swansea, United* Kingdom

BSc Software Engineering (Honors) 2000

BACKGROUND

Over 20 years of experience in IT industry operations, with strong analysis, problem solving, planning and programming skills, focusing in front end development.

Specialized in programming technology research and deployment of client beneficial solutions. Employed within various sub industries, developing and managing projects for financial services, online learning, entertainment and healthcare.

Through the many roles and projects that I have been lucky enough to work, I've learnt to adapt to varying requirements and apply the knowledge and insight of my experiences to quickly identify the most efficient solutions to challenging problems.

From coding, design,training, mentoring, project management to leading outsourcing teams, I've a wealth of experience to draw from.

MOTIVATIONS

Whilst programming has always been my main love due to the problem solving aspects and the technical challenges which are consistently presented, my passions are now more focused on the analysis and design of the client facing aspects of these systems. Because of my technical (and by necessity design) background, I have a solid appreciation of implications of how UI designs can be implemented with regards to the technical constraints of the environment to be deployed.

My current interest of research is UX/UI design principles and methodologies and refining the communication between analysis, design and development teams to create more efficient workflows.

Skills

Knowledge Base

- UX design principles
- HTML->5, CSS ->3, SCSS
- Javascript - ES6, JQuery, Backbone Marionette, RxJS, Vue, Nuxt, React)
- Require, Webpack, Babel, Karma, Mocha, Chai
- Node, Express, Docker, Strapi, Git, Grunt, NPM, Bower, Make, Python, PHP
- Devops setup: Nginx, Express, Jenkins, Docker/Compose, Make
- Code management (Git, GitHub, SVN)
- REST, JSON, XML, MySQL, SQL
- Flash, Flex, AS 2&3
- Responsive design, creation and refactoring
- UX design principles, continuous integration processes, testing integration
- Wordpress authoring, themes, plugins creation
- CMS development, extensions, theming
- MVC, MV*, SOA, UML, Design Patterns
- Agile, Project design/planning/management
- Experience with Yii, Joomla, Magento

Tools

- VS Code, PhpStorm, Sublime, Notepad++
- Fireworks, Illustrator, Photoshop, Premiere

General

- Well spoken
- Forward thinker
- Can see outside the box and around corners
- Love brainstorming ideas and problems

Other

- 3D Printing, microncontroller and electronics
- Public Speaking
- Teaching
- Workshops and Seminars
- Translation (Thai Language)
  - Spoken - fluent
  - Reading - average
- Martial Arts Teacher

Employment

Headforwards, UX Developer

Cornwall, England   January 2015 – To date

Working as UX Developer on UX development team creating the Insight, NTT Communication's next generation cloud management platform. Insight is a Marionette based MPA frontent served as part of a complex microservice infrastructure that interfaces cloud services and offers a common interface to monitor and manage. I was lucky enough to work on the project from the beginning, and help shape major parts of the applicaton architecture, codebase and development workflow.

The project has been a very interesting experience, offering a chance to work with many teams of extremely talented coders of all disciplines.
In October 2016 I moved teams to lead the UI development of NTT's refactor of their legacy Data Center management system. This project proved challenging, but gave the cahnce to work with a distributed team (Cornwall Uk, London and Japan) and help solve some interesting translitional problems from a large legacy system to a modern webapp based on the Insight codebase.

It's been a great experience working with a large, multi-disciplined team in an agile working environment, creating continuous integration workflows to produce a constantly evolving product using Backbone Marionette, Git, Karma, Node, Grunt, Require, Make, Sass, Jenkins and more.

Recently we've had the opportunity to upgrade our codebase to React, giving us the chance to apply all of the deeper understanding of modern SPA/MPA that we've developed into a modern framework.

Gendall Design Limited, Digital Developer

Cornwall, England   May 2014 – Nov 2014

Primarily working with Wordpress (along with several other CMS implementations) I was tasked with updating current implementations, planning and developing new projects. Work towards process refinement was especially challenging within the everyday development flow, and researching new techonologies and solutions to upcoming projects.

MediaCake, WordPress Developer

Bangkok, Thailand   Jan 2013 – Feb 2014

Providing a range of supporting services to MediaCake's team including project planning, product design, template authoring, plugin design and development. Working the full LAMP stack to facilitate challenging projects, working locally, and then remotely after moving back to the UK.

Freelance, Web Developer/Consultant

Bangkok, Thailand   Oct 2010–Sept 2013

Part time freelance web work for a variety of clients and projects. Focusing on small to medium CMS driven website development (Joomla and WordPress), leveraging emerging web technologies including HTML5, CSS3, JQuery. Content writing, SEO, UX design, translation (Thai to English).

Dotography Co.Ltd, Technical Director

Bangkok, Thailand,   May 2003–Aug 2008

Managing all technical decisions from in house hardware to planning and implementing software projects including; dynamic websites, web apps, custom CMS', financial software, business solutions and stand alone desktop apps. Responsible for training and managing Thai/international outsourcing team to major financial software company (Fidelity and IBM).

CDSM Co. Ltd, Lead Programmer

Swansea, Wales   Sept 1999–Sept 2002

Lead programmer, project manager and DB maintenance. Integral in the construction of progressive online learning apps (itskillsdirect.com), including the first online 3D Chat (Fish Faction) and the world's first web based 3D Game for learning The Runner.

Goals

- Become part of a talented, creative team of like minded people
- Focus my wide range of skills to a core set
- Refine the web development process to suit the evolving industry
- Learn new design patterns, coding concepts, techologies and trends
- Sharing my ideas with others, creating something special