

EMILY CHRISTY

DESIGNER / SOFTWARE & WEBSITE DEVELOPER

SUMMARY

After working for myself as a freelancer for 8 years I returned to software contracting in 2016, developing apps for Waitrose and working on software for BMW since then.

My broad experience covers app concept development and wireframing, cross platform app development, and website development. In my various roles I also have experience in project management, sales, and marketing, and am very comfortable as a lead developer. I enjoy a good rapport with people and thoroughly enjoy working within multi-disciplined teams. Experienced working as part of an Agile Team, I routinely use Git to manage codebases, and am also comfortable using Bitbucket and TFS, along with JIRA and Confluence.

SKILLS

Web & software: React Native, Expo, Xamarin Forms, Xamarin iOS, Xamarin Android, Flutter, React JS, JavaScript, Node.JS, C# (WPF, WinForms, .Net), SQL, HTML, CSS, PHP, Arduino, Wordpress, Microsoft PowerApps, Microsoft SharePoint.

Design software: Adobe Photoshop, Whimsical, Figma

Project tools: Microsoft Word & Excel, Access, PowerPoint, JIRA, Confluence, Trello

EXPERIENCE

SENIOR DEVELOPER {permanent} APRIL 2020 – NOW
CACI Ltd, central team. Richmond, UK

My current role, as a permanent member of staff, having contracted for CACI since 2016. Initially working as part of the central mobile development team I was the Lead Developer on a project to develop an iOS app for Network Rail. The app is now used to perform all Health and Safety assessments of their level crossings nationwide. Developed using Expo in React Native. Continuing to work with Network Rail I worked as part of the team building a web based tool for Network Rail using React JS, and built another iPad app this time using Microsoft PowerApps using Microsoft SharePoint as the datasource. Most recently I have been providing application support to a variety of clients including Xerox and Argos.

- React Native app development using Expo
- React JS website development
- Microsoft PowerApps app development utilizing SharePoint
- General support using C#, C, Javascript

DYNAMICS CRM DEVELOPER {contract} OCTOBER 2018 – APRIL 2020
CACI Ltd for BMW. BMW headquarters, Farnborough, UK

- Working as a Dynamics CRM developer on BMW's global sales platform as part of an Agile team.
- Converted all Javascript code to Typescript
- Contributed to new Dynamics plugin development using C#

CONTACT

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EDUCATION

Industrial Design BSc - 1st Class
1995 - 1999

Brunel University, UK

*Design for special human need award
winner 1999*

A LEVELS MATHS(B) ART(B) PHYSICS(E)
Godalming College, Surrey

5 GCSEs *Sir William Perkins', Surrey*
3 O LEVELS *Frankfurt International School,
Germany*

CERTIFICATIONS

Microsoft Exam 70-315, Developing & Implementing Web Applications with C#.Net & Visual Studio.Net

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EXPERIENCE CONTINUED...

XAMARIN FORMS DEVELOPER {contract} JUNE 2018 – OCTOBER 2018

Hospify Ltd. Guildford, UK

- Short term contract developing an existing messaging app used in the NHS. Developed in Xamarin Forms I worked solely in C#, tidying up existing code and adding new functionality on a part time basis

XAMARIN FORMS DEVELOPER {contract} DEC 2016 – APRIL 2018

CACI Ltd for Waitrose. Waitrose Headquarters, Bracknell, UK

- Working as a Xamarin Developer as part of the CACI team developing apps for Waitrose Ltd
- Initially tasked with developing a proof of concept app using Xamarin Forms to rebuild two existing iOS apps – Waitrose *Product* and *Noos* - and deploy them to a new Android device. During the development process I also trained 2 members of staff to develop apps using Xamarin Forms. Successfully completed the project and offered a contract extension to develop a much larger piece of software in Xamarin Forms.
- Both apps built in Xamarin Forms with upwards of 90% code share. Native Android code to interface with the device scanner using Dependency Service. MVVM architectural pattern used throughout, the UI built using XAML and databinding. Native implementation of drag and drop functionality on databound ListView.
- During 2017 rebuilt the Waitrose store management software from an old Windows device to Xamarin Forms. Being rolled out nationally during 2018.

DEVELOPER / DESIGNER / DIRECTOR {self employed} 2008 - 2016

Brainstorm Creative Ltd, Woking, Surrey, UK

I built a loyal client base ranging from small businesses to large corporates, performing all roles with occasional need to take on other freelance staff to cover a heavy workload.

- Management of multiple projects simultaneously, delivering them on budget and on time
- Client facing experience from pitching to project duration and post launch support
- Broadened experience in managing branding projects across digital and print, design direction, new business development
- Developed new part of the business providing SEO analysis and strategy for clients. Most recent project doubled the unique visitors and improved their enquiry conversion rate from 7% to 40.3% in 4 months
- Development of Xamarin apps, including release of PaceMe, a native iOS app developed in Xamarin (over 10,000 downloads to date).
- Custom software development in C#, data display for a client
- Further developed software skills for electronic products on Arduino including development of software controlling over 400 RGB LEDs simultaneously for an 'Internet of Things' information display, and an automatic ingredient mixing machine for a bakery
- Custom Wordpress plugin development in PHP, including a complex secure content delivery system for a client to use with their global partners, and a simple login page customisation

PROJECT MANAGER, DEVELOPER {permanent} 2007 - 2008

EMP Designs Limited, Farnborough, Surrey, UK

- Developed several pieces of embedded software for bespoke client projects including a special effects candle simulator, and a mobile phone app controller for a lighting company to use whilst filming
- Managed product development projects from concept to delivery
- Managed business website and SEO campaign driving significant new sales Established project processes and office management systems

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EXPERIENCE CONTINUED...

WEBSITE & SOFTWARE DEVELOPER {permanent} MAY 2005 - FEBRUARY 2007

Press Association, Godalming, Surrey, UK

- Employed as a software contractor initially to develop a C# Windows Forms desktop application to automatically process daily national text descriptions of Jockey Silks and convert each description into a small Photoshop produced visual image for use on a digital TV channel. After completing the project I was hired as a permanent developer
- Worked as software architect, business analyst, and user interface designer when developing a C# Windows desktop multi-threaded application to integrate with broadcast equipment for use in live broadcasts of horse racing from mobile studios
- Developed C# Windows Server application to automatically produce a PDF document and distribute to pre-configured cloud based locations ready for download by retail outlets in Austria daily
- Designed and built .Net website to enable the national body to manage their annual 'Top Dog' greyhound racing leaderboard
- Managed live server, attended client facing meetings

WEBSITE DEVELOPER {permanent} 1999 - 2003

Intracite Limited, Camberley, Surrey

- Created multiple HTML websites, Learnt classic ASP and developed ecommerce websites
- Learnt VB.net and C# and developed both web and software applications

PERSONAL INTERESTS

I love sport – tennis, cycling, running - and music, I enjoy trying to learn the guitar and the piano. I also love travel and spent a year travelling in Australia mainly sailing around the Whitsunday Islands where I worked for www.ozsail.com.au for 7 months. I don't get enough time to do any of them though as I have two children – Amy and Joe, born in 2009 and 2011!

HACKATHONS

Where time has permitted in the past I enjoy participating in hackathons, as follows:

IBM Wimbledon Hack 2015

Rewired State / IBM

2 days developing a concept app using Wimbledon data and IBM Bluemix technology

Honda Power Of Minds 2011 - Winner

Rewired State / Guardian / Honda

2 days development with Hondas Cultural Engineers. Guardian Innovation Award Winner with BikeAlert

Wellcome Trust Hack 2012 - Winner

Rewired State / Wellcome Trust

2 days, winner in Open Research category

DotGovLabs 2010

Rewired State

2 day hack event using open government data

Social TV - Education 2012 – Runner Up

Rewired State

2 days development. My group was runner up with mixilist.com