Barry Halper

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Personal Statement

I am a highly motivated full-stack developer with over twenty years of commercial experience, working with market-leading business-to-business brands. I have a wealth of knowledge in web development, database architecture, web design, SEO, server and domain management. As a technical lead, I have experience in team building, managing developers, determining project requirements, liaising with both internal and external clients. Helping to build projects that increase profits, and drive efficiency.

Key Skills

Technical Skills

- ASP NET Framework/Core <=3.01, (C#) MVC, Web Forms, WebAPI, Entity Framework, LinqToSQL
- Javascript ES5 & ES6, JQuery (<=3.3), Jquery UI, ,JSON, Node.js
- HTML 5, CSS 3, Bootstrap, XML, XSD
- IIS (up to V10) Windows 2016 Server, (Windows NT, XP.7 & 10) DNS management
- MSSQL SERVER <=2015, SQL Management Studio, SQL Server Profiler
- T-SQL (advanced knowledge of, triggers, views, stored procs, cursors, replication, backups, Full Text catalogs, logging and other misc DBA tasks)
- MS Visual Studio 2019, Adobe Dreamweaver, LinqPad,Eclipse
- MS VSS 7,Subversion, Tortoise SVN
- Restful Web APIs, SOAP, Postman, CORS,
- Coldfusion Enterprise 4.5/5/6/7/8 + with OOP, MVC, Verity (Fusebox 3/4/5/5.5)
- Fireworks, Photoshop, Illustrator, QuarkXpress
- MS Access 2000 applications with VB script
- MS Office, Google Services (Analytics, Ad Manager, Developer Console) Umbraco, Trello, Stripe, JIRA, Basecamp, Disqus, Monday

Personal Skills

- Strong academic background which has given me the ability to quickly learn and master any new programming skills and concepts in any discipline.
- Highly organized team leader, I was able to build and manage a multi-disciplinary team of developers, designers, database administrators around me while spearheading many new processes and approaches to development.
- Innovated many system and processed required by the development, team e.g. upgrading all development to use SQL server & stored procedures, researched and implemented online payment processes, created full OOP development across a

range of platforms, also spearheaded the move from CF to ASP.NET
- Strong business acumen, with the ability to decide how to deliver online cost effective solutions for the business needs.
- Good communication skills; writing reports, technical specifications, project analysis and liaising with the key stakeholders both in the organisation and the industry

Education

- University of London   **M.A. Literature, Culture & Modernity**
- Manchester University   **B.A.(hons) English Literature/History(**upper second class**)**
- Claremont Secondary School, Kenton, Middx & Greenhill College, Harrow, Middx
  3 A Levels & 6 GCE'S (including maths & english)

Employment
Hemming Group Ltd http://www.hgluk.com London, UK:
2000 to present
Web Development Manager

With my 20 years of development experience I have been acting as both application architect and senior developer. I have responsibility for not only managing existing projects but spearheading innovations that may be employed in future projects. I have also managed the individual developers, and helped train junior staff members as well as being the technical lead for the business with responsibility for the company data and the management of our data and web servers.

For the team as a whole I created a standardised development model for all our applications. This involves strict OOP programming for the application cores,for the application flow (in MVC mode), heavily optimised data access models and source control for the code base.

In my time at Hemming have I completely changed the way we create and publish websites as transact business online through the following innovations:

- Creating a team of developers and team designers which at its height had 10 members both permanent and contractual
- Set-up of online payments systems through Worldpay and then Stripe
- Employment of project manager and Jr developers
- Sourcing of external clients to help with design
- Instigated the adoption of the various, frameworks for the team, including Blueprint(css), bootstrap(css) , Fusebox (CF), MVC and Javascript (jquery)
- Adoption of source control initially using MS VSS, Subversion and Tortoise VSN
- Set up of Google Analytics and Ad manager for the key stakeholders
- Sourcing of SEO consultancy and adoption of SEO best practices.
- Various full stack upgrades of both back end and front -end frameworks
- Implementation of Trello, Jira to encourage a more Agile way of working

Projects

www.mybpublispend.co.uk
I built this business to business application that aggregates all the data published by Uk Councils over the last 5 years and presents the user in easy to use reports.
The data load took 2 years in which time I created the database and data loading tools for the business using SQL Server and ASP.net MVC. The data consisted of over 48,000,00 records but with various data warehousing techniques we could ensure all the reports returned data in under a second, utilizing JQuery and .NET WebAPI to manage asynchronous requests. I was also responsible for creating a seamless UI for the users to access this large data set using good practice web design HTML5 CSS3 and JQuery The application also has a REST API component that allows subscribers to connect securely using OAUTH and HMAC256 encryption over HTTPS to access the data as either JSON.

www.localgov.co.uk
Hemming group's flagship content website, this content portal is the summation of a four year project I ran to build a range of magazine websites built upon a single CMS and to have their combined content be the bedrock of an extensive website. The project involved over 30 key people and was successfully launched in January 2006, winning in its first few months a special recommendation award from the DPA.
Since then I have rebuilt this site using first ASP.Net web forms then ASP.MVC with entity framework 5 and bootstrap 3 . It represents a good example of iterative development

Hemming Publishing Portfolio
I built from scratch a content management based on my extensive knowledge of the publishing needs of the business. The latest version utilises Net MVC with domain driven architecture, Entity Framework, SQL Server and Javascript ES6. This custom built platform runs the rnitr publishing portfolio of the business. It enables the business to have a site and CMS up and running while giving the rest of the team the flexibility to update it for any new developments required by the individual projects.E.g
http://www.lapv.co.uk/
https://www.bridgeweb.com
https://www.themj.co.uk
http://www.highwaysmagazine.co.uk/
https://www.hvpmag.co.uk/

Hemming Awards
I built the application core and database for the company's Awards sites and have worked on the events side of business managing bookings and online payments. E.g
http://www.highwaysawards.co.uk/
For these projects I created a WebAPi that allows data to be consumed and published across CORS into Umbraco which we used to allow the events division to manage the content.

Hemming Subscriptions
Created and managed the applications that allows the publishing websites to talk to our various subscription systems controlling access and entitlement online. These applications have utilised .NET membership role providers, SQL and, Oracle and SOAP and REST API to tie -up the various third party subscription and fulfillment systems (Myriad, Maxim, CircData) provided externally.

Hemming Directories
Created the database systems and web application that allowed the editorial department to manage and publish our directories. This project utilised MSSQL Server, replication, coldfusion, net web forms and MVC. I was also responsible for the design and build of

directory websites.
Eg https://www.municipalyearbook.co.uk as well as being solely responsible for the physical production of all our directories by creating data systems that can communicate between MS-SQL & QuarkXpress.

I have also been responsible for the development of many other desktop and intranet based applications.

Company Clothing London, UK:
1998 to 2000
Research assistance.
In this small business to business publishing company I utilised my of knowloade of research garnered from my MA to create content for the magazines, as well as databases for subscriptions using FileMaker. I. created a successful fax news service project for tenders in the sector as well as spearheading developments in the web, IT and editorial.
When this company was sold to the Hemming Group I was one of the few to be kept on.

Hammicks Legal Bookshop, London UK
1994-1995
Head of subscriptions
I ran the subscriptions department responsible for postal orders for the Inns of court and legal services in Central London

Blackwells bookshop ManchesterUK
1993-1994
Bookseller
I ran the Fiction and History section in this academic bookshop after leaving University

Training Courses
MS Access and SQL 2001
Introduction to Coldfusion 2001
Advanced Coldfusion 2004
Asp.NET (C#) 2009
Angular JS 2017

Hobbies & Interests

- I am an avid reader and film buff and member if the BFI
- I love all types of music play rhythm guitar and attend gigs as often as possible
- I am passionate about good food and regularly cook for friends and family
- I keep fit by regular running and swimming
- I am fascinated by history both modern and ancient
- Travelling, I like to discover new places as often as I can afford
- Member of Amnesty International and the Humanist Society