DANIEL BARTRUM

BSc (Hons)

Born on: June 1993
Email Address: Available on request
Mobile Number: Available on request
Driving Licence: Full Clean
Resides in: King's Lynn, Norfolk, United Kingdom

TECHNICAL SKILLS

Development: C#, TypeScript, .NET, C++, SQL, SOAP & REST APIs, XML, JSON, WinForms, WPF, Agile methodology.
Web: PHP, MySQL, HTML5, CSS, JavaScript, Wordpress, WCAG 2.1 accessibility, JQuery, GeoJSON, GDPR compliance.
Programs: VS Code, Visual Studio, Git, Node, SQL Server, Postman, SoapUI, Photoshop, TFS, SourceSafe.
Server administration: Linux, Windows, Apache, IIS, SharePoint (limited), VMware vSphere (user).
Other: Database design, UX and UI design, Mobile-first web design, Cisco Networking, Research Methodologies.

RELEVANT EXPERIENCE

Since January 2020, I have been employed as a Web Developer for my local borough council after taking a step up from the Web Development Officer junior/mid-level position I had held since joining in July 2016. This promotion was to replace the departing Web Developer and due to COVID, the other developer role wasn't filled until 2021.

Working as the sole developer and key-worker during the early days of the unprecedented COVID pandemic was certainly a trial-by-fire, but it is one I am happy to say that I managed to succeed in. These challenges allowed me to grow even more self-sufficient and improve on skills such as managing workloads and users' expectations.

Previous to my current employers, I worked as a Junior Software Developer for a digital health & wellbeing company called Wellpoint Group Ltd, based in Grantham. This position was also part of a small team (three to four people) which allowed me to take the initiative and work on a wide variety of tasks and projects, including maintenance and development work on the Wellpoint Health Kiosk – a standing kiosk designed to measure the users' health metrics (weight, bmi, body fat, blood pressure and risk of heart disease). The software running on each kiosk was a mature C#.NET codebase consisting of over 35,000 lines of code and two of the biggest enhancement projects I developed for the kiosk was a major UI update and a new 'Health Check' which worked out risk of type-2 diabetes based off the user's readings & a health questionnaire. These tasks and projects, whilst challenging, allowed me to take the initiative, obtain a number of new skills, innovate with fresh ideas, and implement these in real-world applications.

A good example of a more current project is the XML-to-Bootstrap form generator that I built early in my tenure at the council. I saw an opportunity to replace a number of inconsistent, manually-built Bootstrap forms and to automate a process that was very time consuming as well as improving my understanding of XML. This functionality has undergone numerous iterations and services 32 different forms (with over 3000 submissions in the past year alone).

Overall, I would summarise that my current role and experience is equivalent to a Full Stack Developer. The workload consists of, but is not limited to, a mixture of front-end and back-end development on new and existing codebases, database administration and occasionally server administration (Windows, Linux and SharePoint). In addition, I've been heavily involved in API integration work with systems used in various departments in the council including: Whitespace (a current project), Capita Pay360, iDox, Legend Leisure Management and IEG4's OpenProcess APIs.

Outside of my development responsibilities, I am often working on keeping all of our websites WCAG 2.1 accessible and GDPR-compliant – this in turn helped the Borough Council's website to achieve the top BetterConnected rating in 2018 (4 stars) and keep us consistently in the upper quartile of the Sitemorse Local Government INDEX.

EDUCATION & QUALIFICATIONS

BSc (Hons) Computer Science – **Upper Second Class (2:1)**

- ✓ Awarded by *Anglia Ruskin University.*
- ✓ Started in *September 2012* and completed *June 2015.*

BTEC Level 3 Extended Diploma in Computing – Grade: **Merit**

- ✓ Awarded by the *College of West Anglia.*
- ✓ Started in *September 2010* and completed *June 2012.*

WORK HISTORY

July 2016 – Date
Role: Web Developer (2020 – date); Web Development Officer (2016 – 2020)
Company: Borough Council of King's Lynn & West Norfolk (based in King's Lynn, Norfolk).
Duties: Maintain, develop and manage the borough council's vast array of websites, sub-sites, API integration, eforms and website functionality. Also the primary technical contact for the IEG4 forms & CXM platform.

October 2015 – July 2016
Role: Junior Developer (.Net)
Company: Wellpoint Group Limited (based in Grantham, Lincolnshire).
Duties: Manage, maintain and update the various software which form part of the core of Wellpoint's business.

June 2013 & April 2008
Role: IT Technical Assistant - Work Experience
Company: Borough Council of King's Lynn & West Norfolk
Duties: Assist office staff and councillors with any technical issues. Deploy new hardware and software.

Previous jobs outside of ICT sector
September 2014 – October 2015: Delivery Driver for Pizza Hut Delivery (King's Lynn)
February 2008 – September 2009: Newspaper Distributor (230 homes) for Jayars Distribution (King's Lynn)

PORTFOLIO

During my degree, I produced a number of programs including a C# application that uses facial detection as a supplemental part of my dissertation. These can be demonstrated on request.

INTERESTS

Outside of work, my interests include video gaming, eSports, football and TV/films. I also occasionally partake in hobbyist development work and website work which I have done since the age of 13.

REFERENCES

Available on request.