

DAVE TOWNSEND

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I have been programming for approximately 20 years covering all range of platforms including working with XUL, XBL and XPCOM for the past 4 years. As a trained engineer I am adept at problem solving and now want to use these skills to develop high quality applications that leverage the power of Mozilla's platform.

PROFESSIONAL EXPERIENCE

From **May 2007** I started working as a **Software Engineer** for Mozilla Corporation, who develop internet applications including the second most popular web browser in the world, Firefox.

- I am part of the main front-end team responsible for fixing bugs and developing new features critical to the success of the next release of Firefox.
- I am one of those authorised to decide whether a particular feature or bug should block the next major release.
- I am wholly responsible for an important area of the software and work with the product manager to determine what new features and fixes should be included in the next releases.
- I work with third-party application and extension developers to help resolve problems they are experiencing using Mozilla's application platform.

In **September 2004** I became one of the founding **Directors** of Blueprint I.T. Limited, a small business specialising in IT support and website development for SMEs.

- I am responsible for the delivery of IT support and technical management of websites for our customers.
- I develop website content management systems for use by non-technical customers.
- I have implemented a bespoke Outlook add-in that allows management of a customer mailing list by multiple users.

In **July 2001** I became a **Research Engineer** at Brass Bullet Limited, who are systems engineers and business process experts performing consultancy and training for their customers.

- I created a custom intranet to hold the company's internal processes. This is now being used as the basis of a business process modelling tool in conjunction with the British Standards Institute.
- I modelled specifications to highlight inconsistencies and ambiguities.
- I researched software modelling techniques with the results being included in some of Brass Bullet's training courses.

In the **summer of 2000** I worked at HSBC, the international banking group.

- My task was to extend a HR management database to reduce the work of granting staff holiday bookings and updating the weekly reports. On completion my line manager gave me the maximum bonus he could for my work.

VOLUNTEER ACTIVITIES

Since **July 2004** I have been heavily involved with the Mozilla Foundation, particularly focusing on the Firefox web browser and the extension developers community.

- I continually test development builds as well as finding and triaging bug reports.
- I have developed a number of Firefox add-ons for users and the testing community, some of which have been recommended by computing magazines and Mozilla staff.
- I assist in the development of new features and fixing defects in the Firefox web browser and it's underlying platform and I am now listed in the credits for Firefox 2.
- I was one of 3 volunteers flown out from the UK to attend the Firefox Summit to review Firefox 2 and discuss the future of the browser.
- In 2007 the Mozilla Foundation provided me with a laptop to assist me with my involvement.

Between **April 2000** and **September 2007** I was actively involved with the IET helping to improve the services they offer to engineers around the world.

- I was first secretary, then treasurer of the Wales South West younger members committee.
- I have assisted in the organisation of events that attracted nearly a hundred young engineers from the local area.
- In 2005 I was the treasurer for the European Young Engineers conference held in Cardiff, which had a total expenditure of around £20,000 and an attendance of over 60 engineers from all over Europe.
- I sat on the IET's national ICT qualifications steering group to discuss their role in the future of ICT qualifications in the UK.
- I regularly attended meetings of IET council (the IET's main strategic body) and the Younger Members Board (the main board for handling issues with engineers under the age of 35).

SKILLS & PROFESSIONAL DEVELOPMENT

- I am an excellent programmer, proficient in many languages including C, C++, C#, Java, JavaScript, Perl and PHP.
- I have extensive experience in the use of HTML, XML, XUL, XSLT, CSS and other web standards.
- I have received training in project management, committee management, time management and stress management.

EDUCATION

In **June 2001** I received an **M.Eng. (Hons) in Electronic Engineering with Computing Science** at the University of Wales Swansea.

- My 3rd year project involved investigating and developing J2EE web applications.
- After completion of my degree I assisted in the teaching and labs for the programming courses for the Engineering and Computer Science departments.