

Shaun Luttin

Polyglot software developer since 2009, with a focus on web development, application security, and open source.

- github.com/shaunluttin
- linkedin.com/in/shaunluttin
- stackoverflow.com/users/1108891/shaun-luttin

Honors and Awards

- Visual Studio and Developer Technologies MVP, Microsoft, 2017
- Make Web Not War Award - Top Open Source Contributor, Microsoft MVP Program, 2016
- Visual Studio and Developer Technologies MVP, Microsoft, 2016
- .NET MVP, Microsoft, Jan 2015

Experience

Founder / Principal / Software Developer, Bigfont, Aug 2012 to Present

- Designed and built websites, Internet applications, Windows software, and connected devices.
- Provided technical support on Windows and Apple computers.
- Negotiated new contracts with small- and medium-sized businesses including Island Savings Credit Union, EnviroIssues, and Country Grocer.

Software Developer, Leavetown, 11 Dec 2017 to 09 Mar 2018

- Maintained the internal VB.NET Web Forms application and its underlying C#.NET services.
- This included adding new features, improving unit test coverage, and providing bug fixes to existing features.

Software Developer, BuildDirect, 12 Sep 2016 to 30 Sep 2017 (contractor) 01 Oct 2017 to 30 Nov 2017 (employee)

- Created the C#.NET Core project structure and the overarching design for a green-field API that has now made it to production.
- Converted over 350 CoffeeScript files to TypeScript, introduced TypeScript linting, fixed existing linting warnings, and contributed new features to an existing REST API that has now reached production.
- Planned, designed, and acted as the team lead for the validation system that ensures incoming HTTP REST requests adhere to the business rules of the API's domain.
- For an existing API, evaluated the current Client and End-User security model, trained colleagues in OAuth and OpenID Connect, and made a formal recommendation to management on how to move forward with OpenID Connect.
- Collaborated via Git, GitHub, code-reviews, Slack, JIRA, email, and company-wide calendars while writing additional libraries in C#.NET Core and TypeScript.
- Presented regularly at our internal Developer Guild meetings on topics including Design Patterns, C#.NET Core, async/await, OpenID Connect, and JavaScript modules.

Software Developer, Aequilibrium, Oct 2015 to Sep 2017

- Provided team augmentation for a six-month data import automation project involving skills in C#.NET, Git, Design Patterns, Microsoft Excel, and MongoDB; the team of approximately seven developers met the deadline and the code went into production.
- Designed and implemented the end-user authentication and also extended the existing data visualization features of an existing ecological data management system; provided professional skills in security, C#.NET, JavaScript, CSS, and HTML.
- Researched, designed, and implemented a custom Salesforce module to allow US government sites to accept payments from citizens; implemented the payment flow in JavaScript and APEX to the exact security specifications of the payment provider (First Data).

IT Support Specialist, CharityVillage, Aug 2011 to Jun 2012

- Worked in C# and SQL to create, test and deploy approximately five custom modules which extend the Enterprise Suite CRM system.
- Performed data cleansing, UML documentation, and SQL queries to facilitate the deletion of over 70,000 obsolete users and migration of the remainder to a new database.
- Handled 72 external technical problems and internally supported 14 staff.
- Installed and troubleshoot Enterprise Suite CRM, Outlook, VMWare, and Windows Parallel.
- Diagnosed and fixed website bugs in CSS, HTML, and JavaScript.
- Produced a 20 page manual for future CharityVillage developers.

Web Developer, Lightmaker, Mar 2011 to May 2011

- Used C#, SQL, JavaScript and HTML to limit the rate at which authenticated and anonymous users send SMS messages from the RESAAS website.
- Created a 'flag as inappropriate' system to let users flag images on the website and to let administrators remove images where necessary.

Web Developer, HealthChoices, Jun 2010 to Mar 2011

- Designed and created the data tables, stored procedures, data-, business-, and presentation tiers to integrate SQL Server and C#.NET for ten DotNetNuke modules.
- Created a module to upload advertisements and to distribute them to dynamic web pages based on the appropriate region, health category, page position, and schedule.
- Developed a sitemap module to represent over 2,000 dynamically created pages in both XML for search engines and in HTML for end users.

Education

Microsoft Learning

- Developing ASP.NET 4.5 MVC Web Applications, Aug 2013
- Querying Microsoft SQL Server 2012, Feb 2013
- Programming in HTML5 with JavaScript and CSS3, Dec 2012
- Designing and Developing Web Applications Using .NET 4, May 2012
- WCF Development with .NET 4, Dec 2011
- Accessing Data with .NET 4, Jun 2011
- Web Applications Development with .NET 4, Mar 2011

British Columbia Institute of Technology

- Certificate of Technology, Software Systems Development, Web Programming, 2009 to 2010, Grade: 91%
- Part-Time Studies, Computing & Information Technology, 2009, Grade: 96%

University of British Columbia

- Bachelor of Human Kinetics, Interdisciplinary Studies, 1998 to 2007 Grade: 82%
- Activities and Societies: Member of the Varsity Outdoor Club; Research Assistant at the UBC Motor Learning and Control Lab

Publications

- Learning From the Experts: Gaining Insights Into Best Practice During the Acquisition of Three Novel Motor Skills
Research Quarterly for Exercise and Sport, Volume 82, Number 2, pp. 178-187(10) June 2011