Brock Henderson

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Technical

Software Developer specializing in front-end user interface & application development. Comfortable in team environments, distributed and local, working in Agile-based methodologies.

Career

Started as a rich internet application developer circa 1999 building content delivery applications in the e-learning industry. In 2005 I transitioned from e-learning to the Web 2.0 Social Media space with SplashCast. In 2011 I switched focus from Flash/FLEX to JavaScript & HTML5 with Property Radar. In 2019, I began working on .NET desktop applications, ramping up my C# skills and learning XAML with Intel® IPM & XTU.

History

Intel Corporation, Hillsboro, OR
Software Engineer - January 2022—November 2024
UI Lead on Intel® eXtreme Tuning Utility (Intel® XTU).

- Led several major features additions to XTU including VF Curve, Compact View & AI Assist
- Worked on all aspects of the application including SDK, Services & Installer.
- Led UI development on the Intel® Application Optimization project.
- Created interactive scatter chart with LiveCharts (lvcharts.net) for VF curve visualization.
- Developed .NET Framework applications with XAML UI implementing MVVM.
- Using git version control with Jenkins & Coverity/Black Duck for continuous integration.
- Utilized agile methodology with daily standups, 2-week sprints and Jira project tracking.

Software Engineer - March 2019—January 2022
Started at Intel through Cinder Staffing as UI lead on Intel® Performance Maximizer (Intel® IPM)—an automated overclocking utility.

- Finalized software release and served as UI lead for new development.
- Desktop application development in C# with WebBrowser control for UI.
- Native HTML/JavaScript application as primary UI interface.
- WiX toolset installer development.
- Development of ancillary tools in C#, Python & Node.js.
- Responsible for adding localization to application.
- Responsible for adding telemetry to application.

Poached Jobs, Portland, OR - www.poachedjobs.com
Front-end Developer - Apr 2016—Nov 2016
Worked on Web-based staffing solution for the hospitality industry.

- Developing on Ember.js inside of WordPress site all in a VirtualBox dev environment.
- Helped transition their front-end out of WordPress into an Ember.js container.

PropertyRadar, Portland, OR / Truckee, CA - www.propertyradar.com
Lead Front-end Developer - Mar 2010—Jun 2016
Real estate data analytics platform used by investors, real estate agents and government agencies for deep exploration into publicly available property data.

- Led a team of Sencha contractors and in-house developers in 2011 transition from Flash/FLEX to HTML5 + ExtJS.
- ExtJS deployed as dedicated SPA on AWS via Git with webhooks for Jenkins CI development server.
- Scrum process with daily standups, 2-3 week sprints with Assembla for project management and plug-in Trac ticketing system.
- Ant-based build process integrated vendor build scripts with application specific build requirements.
- Robust use of SASS/SCSS with variables, mixins and sprite sheets using component-based architecture and integrated with vendor supplied theming packages.
- RESTful services with client-side service decryption for service obfuscation.
- Dynamically constructed interfaces using service metadata.
- Bing Maps integration with heatmaps, routing and birds-eye & street views.
- Data visualization with Sencha Charting.

SplashCast, Portland, OR
CTO - Oct 2006—Aug 2009
Tasked with re-engineering the QMIND elearning platform, for an emerging market of bloggers, podcasters and user generated content creatives.

- Launched at Demo Conference in January 2007.
- One of the premier applications at Facebook's first F8 event May 2007.
- Led a small team of engineers and built and maintained content creation/management side of the application.
- Designed system to record and save video from client's webcam using Flash Media Server.
- Designed IRC-based relay for in-app chat in C# to run as a service connecting over Flash socket connection.
- Responsible for integration with social media APIs (Facebook, Myspace & Bebo).
- Successes on Facebook led to partnerships with Hulu, Sony BMG, Universal, and MTV.

Other Work Experience

QMind - Portland, Oregon - **Director of Engineering**

Kaiser Permanente - Lake Oswego, Oregon - **Flash Programmer**

KC Distance Learning - Portland, Oregon - **Flash Programmer**

Cenquest - Portland, Oregon - **Programmer**

Education

BFA, Multimedia, **University of New Mexico,** Albuquerque, New Mexico