

CHRIS ELLENBURG

Software Engineer, Front-End Developer

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Summary

Passionate, committed engineer with a do-it-right attitude, and more than a decade of experience designing, implementing, and adapting technically sophisticated applications using modern technologies.

- Significant experience in writing scalable, high-performance applications using object oriented and/or functional JavaScript.
- Talented UI designer with attention to detail. Understands how to design the interface to simplify a process instead of creating a learning curve.
- Solid .Net skills; C#, MVC, LINQ
- Experienced database designer
- Experienced in responsive/adaptive design techniques, with or without various libraries and frameworks.
- Rapid prototyping with HTML/JS/CSS

Specialties

- Architecting web-based applications
- UI design and user experience
- JavaScript libraries & frameworks including jQuery, Knockout JS, and various others
- Creating plugins, reusable components and widgets
- Single page applications, client-side MVC/MVVM
- CSS3, media queries, animation
- ASP.Net, C# MVC, web forms, web services
- SQL Server, design & programmability
- Adobe Photoshop

Skills

- HTML 4/5
- JavaScript
- Client-side debugging / performance analysis
- RESTful web services
- JSON
- AJAX
- JavaScript frameworks
- Creating frameworks
- Node JS
- Mongo DB
- SQL Server
- ASP.Net, C#, MVC, LINQ, Entity Framework
- Visual Studio, TFS
- SiteCore CMS development
- CSS Media Queries / Responsive layouts
- UI design & development
- Photoshop, Illustrator
- Flash/ActionScript
- Website development/SEO
- Mobile web development

Professional Experience

ECR Engines/Richard Childress Racing
Welcome, NC

January 2015 - Present
Lead Software Engineer

Responsibilities include modernizing current systems and implementing Bill of Materials and workflows to manage lifecycles of engine components.

Dorsett Technologies
Yadkinville, NC

November 2013 – December 2014
Lead Software Engineer

- Team-lead on a web-based SCADA project
- Revamped the overall look and feel of the UI
- Improved API performance 10x in some cases by rewriting some of the NoSQL queries and creating indexes
- Improved front-end performance by refactoring and/or rewriting the JavaScript
- Built many of the different sections of the software.

Canopy Partners
Greensboro, NC

July 2012 – November 2013
Senior Developer

- Sole developer on single-page app that provided workflows, record keeping, reporting, dashboards, and much more for the radiology industry.
- Provided efficiencies by improving processes and screen organization
- Created greater data visibility throughout organization

Sealy Inc.
Trinity, NC

July 2005 – July 2012
Senior Programmer/Analyst

- Created web-based application to manage retail store, branch office, and warehouse locations, contacts, hours, and sales volume.
- Worked as part of a team to build out Sealy's online presence. The last iteration was built on top of Sitecore CMS to facilitate content management by our own marketing team.
- Designed and built application to manage advertising for Sealy's customers.
- Designed and built system to streamline company's bonus program. Increased overall efficiency 8x.

DTI Integrated Business Solutions
Greensboro, NC

May 2004 – July 2005
Application Developer

- Developed enterprise apps, services, and middleware for medium to large businesses

Old Dominion Freight Lines
Thomasville, NC

September 2003 – May 2004
Web Analyst/Designer

- Built the company's corporate intranet
- Worked as part of a team to develop and enhance the company's site and its many tools and services.

Freelance Web Developer
Archdale, NC

September 2001 – 2007

- Interactive Maps/GIS Applications
- Produced CD-based catalogs in Flash/Actionscript for several top apparel companies to reduce the overhead cost of a printed catalog.
- Provided consultation and staff augmentation to several clients on a contract basis
- Built NASCAR Nextel Cup Driver Brian Vickers' website and fan club. Won Macromedia's Site of the Day Award (SITE NO LONGER ACTIVE)

WFMY Television Corp
Greensboro, NC

July 1999 - September 2003
Webmaster

- Built station's first online presence. First station out of 21 within Gannett Broadcasting to have a database-driven website.
- First station in the group to have a content management system. The system had several features that streamlined the process of adding content to the site. Multiple news sources could be queried for stories and images and added with a click. Photos were automatically resized to fit the layout and watermarked.
- Built application to capture stills from multiple video sources and FTP the images to the website at regular intervals.