Serge Nevsky

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Employment

- **Cox Automotive / VinSolutions** — Mission, KS
  Senior Software Engineer — *October 2017 - Present*
  - Build and maintain features in an industry leading CRM application.
  - ASP.NET Core Web API, React and JavaScript front-end, WCF, Microsoft SQL Server.
  - Design and architect solutions for extremely high traffic pipelines.
  - Designed and implemented Disaster Recovery strategy across all teams. Received quarterly Engineering award for effort.
  - Participated in Company Hackathon utilizing Amazon Alexa, AWS Lambda, and Node.js.
  - Manage and script out deployments in AWS using Terraform and PowerShell.
  - Mentor team members as well as designated mentee as part of mentorship program.

- **Site 1001** — Kansas City, MO
  Senior Software Development Engineer — *October 2016 - October 2017*
  - Build and maintain a data-driven facility management application aspiring to incorporate AI, Machine Learning and IoT technology.
  - MVC Web Application with Entity Framework, RESTful Web API, Microsoft SQL Server.
  - Client-side application utilized Razor syntax and component-based jQuery.
  - Develop a Mobile application for iOS and Android using Xamarin.
  - Design and implement architectural changes throughout all layers of the application to improve performance and code quality while minimizing technical debt.
  - Mentor and collaborate with a small team of developers in a fast-paced development cycle. Design features and work with various lines of the company to iterate effectively.
  - Developed Windows services to integrate with third party smart sensors and IoT devices.
  - Upgraded enterprise application tools and dependencies: MVC2 to MVC5, .NET Framework 4 to .NET Framework 4.5.2, Web Forms views to Razor views and Visual Studio 2010 to 2017.

- **Bradford & Galt / Heartland Crop Insurance** — Overland Park, KS
  Software Engineer — *November 2015 - October 2016*
  - Design and support systems in a mathematically intensive, enterprise level insurance application in .NET using C# 6.
  - Maintain stored procedures and views in Microsoft SQL Server with NHibernate as the ORM.
  - Set up a specialized unit and regression testing environment using NUnit.

- **Artisan Technology Group / Beyond the Scores** — Kansas City, MO
  Software Engineer — *May 2015 - November 2015*
  - Develop an enterprise application as a greenfield project from the ground up with a team of mostly two developers. Involved in modeling, design, development and architecture.
  - C# .NET 4.5 Windows Presentation Foundation (WPF) following the MVVM pattern.
  - Communicate directly with clients on consulting projects, supporting their products, developing new features, and advising on architectural concerns.

- **PeopleAdmin / Netchemia**   Prairie Village, KS
  Software Engineer   *August 2013 - May 2015*
  - Develop features in C# MVC and VB.NET Web Forms products. Additional technologies included Microsoft SQL Server, AngularJS, JQuery, KnockoutJS and JavaScript.
  - Product Owner, handling issue resolution, delegating, testing, requirements and code review.
  - Work directly with an off-shore team to ensure quality support for the product.
  - Led a cross-organization team of seven to win the first internal company hackathon, establishing a company intranet.

- **Risk & Regulatory Consulting, LLC**   Leawood, KS
  Actuary Analyst   *June 2012 - June 2013*
  - Performed risk-focused financial examinations of insurance companies for state commissioners.
  - Evaluated annual statements, participated in interviews and used mortality tables to audit life insurance companies. Wrote detailed evaluations ultimately sent to the state.
  - Maintained software in APL and Visual Basic to assist in financial valuation.

- **Box Office Analyst**   Kansas City, MO
  Web Developer   *June 2011 - June 2012*
  - As the sole developer, designed, developed and maintained a company web site using PHP and Microsoft SQL Server from the ground up.

Education

- **Rockhurst University**   Kansas City, MO
  B.A. in Mathematics and French Language, Philosophy Minor   *2008 - 2012*
  - **Rockhurst Outstanding Research Award** (2012)
  - **William A. Luby Mathematics Medal Award**
  - Undergraduate research project published in *Mathematical Spectrum* **48**, 1, 22-29 (2014/2015) entitled *Exploring the New Zealand Puzzle*
  - Competed in the Missouri Collegiate Mathematics Competition
  - Presented at CALHE Conference at Missouri Western State University

Skills

- **Development**

  - **Microsoft**
    C#, MVC, Xamarin, WCF, VB.NET, WPF, MVVM, ASP.NET, Web API, Entity Framework, Razor Syntax, XAML, Web Forms, XML, PowerShell
  - **Database**
    T-SQL, MongoDB, Microsoft SQL Server, MySQL
  - **Web**
    JavaScript, ReactJS, jQuery, AngularJS, ExpressJS, Node.js, Python

- **Technology**

  - **Source Control**
    Git, TFS, SVN, GitHub, SourceTree
  - **Deployment**
    AWS, Microsoft Azure, Heroku, LAMP, Jekyll
  - **Build Systems**
    Octopus Deploy, Jenkins,Gulp, Grunt, Vagrant, LaTeX
  - ***nix Technology**
    `unix`, `vim`, `bash`, `zsh`, `screen`
  - **Software**
    WordPress, Adobe Photoshop

- **Hobby**

  - `snevsky.com/projects`: Various personal programming projects.
  - `snevsky.com/blog`: Personal blog.
  - `photos.snevsky.com`: Digital photography with Adobe Lightroom.
  - `music.snevsky.com`: Music production in Logic Pro X.
  - Text editor magic in `vim`.