Blake Niemyjski

Passionate, detail oriented full stack developer

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Work experience

Vice President
April 2008 - Present

CodeSmith Tools

Software Development Engineer (Oct. 2018 - Apr. 2012)

Support Specialist (Apr. 2008 - Oct. 2008)

- Provide leadership, grow sales, digital marketing, code level support, and daily business operations.

Projects

- Exceptionless (C#, ASP.NET Core, Angular, Elasticsearch, Redis, SaaS)
  - Lead developer on Exceptionless - open source cloud-based error, logs and metrics collection service.
  - Designed for High Scalability (handles 172+ million http requests/day).
  - Designed .NET and JavaScript libraries that have been downloaded over 3.5 million times.
  - Worked closely with open source community to help grow the underlaying platform, product and community.
  - Migrated from Azure Websites/Web jobs to Kubernetes at scale.
  - Microsoft Open Source MVP Award Recipient (2017-2019).

- Foundatio (C#, Azure, AWS, Elasticsearch, Redis, RabbitMQ)
  - Lead developer on Foundatio - open source set of libraries which provides pluggable foundation blocks for building loosely coupled high performance distributed applications.
  - Shared across four commercial products and used to accelerate development.
  - Provides abstractions and various implementations for caching, queues, messaging, distributed locks, file storage, metrics, logging, jobs and repositories.

- CodeSmith Generator (C#, VB.NET, WPF, WinForms, ADO.NET, VSIX, WIX)
  - Lead developer on Generator - highly successful and award winning product which pioneered code generation in the .NET ecosystem.
  - Implemented Visual Studio and MSBuild Integrations.
  - Redesigned legacy WinForms applications using WPF.
  - Designed and supported open source templates, tooling, and frameworks for various technology stacks (Linq-To-SQL, Entity Framework, CSLA, .netTiers).
  - Actively developed new features while maintaining binary compatibility.
  - Honorary Visual Studio Insider Partner (2010, 2012).

Senior Software Engineer
July 2017 - Present

SlideRoom

Responsible for designing, implementing and testing core product offerings.

Projects

- Contacts (C#, ASP.NET Core, AWS, Aurelia, Elasticsearch, Redis)
  - Developer on a team of six for this data integration platform that provides a unified contact record by merging many external sources of contact information and activities together.
  - Provides integrations with Stripe, MailChimp, Gmail, Google Sheets, Google Drive, Google Forms, Google Classroom, Desk, Constant Contact, Picatic, Zendesk, HubSpot, Test Scores, IMAP, and dynamically mapped webhooks that could handle

Skills

Open Source

C#

Python

ASP.NET Core

ASP.NET Core / MVC / WEB API

JavaScript / TypeScript

Cloud - Azure

HTML / CSS

Public Speaking

.NET User Groups / Conferences

GIT

Redis

VB.NET

Elasticsearch

User Experience Design

JSON, CSV, and XML.
- Designed a scoring service to ingest raw test data (TOFEL, ACT, SAT, GRE...) into a generic test score specification. This allows historical scoring data to be searchable and rescored while being easy to view.
- ATS (C#, ASP.NET Core, AWS, Vue.js, Elasticsearch, Redis)
  - Developer on a large team creating the next-generation admissions system.
  - Upgraded application and services from Elasticsearch 5 to 7.
  - Actively participated in design and rollout of integrating multiple third-party products into one system.
  - Designed reusable controls and components to aid in rapid development.
  - Actively participated in implementing and updating the site to be 508 compliant.

Software Architect (Consultant)   July 2017 - August 2017
eMarketer

Responsible for designing and implementing a migration and api service relating to core search functionality. The service automatically translates legacy search queries between Oracle Endeca and Angolia search engines.

Software Engineer (Consultant)   September 2007 - 2009

Responsible for designing, developing and optimizing product features.

Projects

- Samson's Barber (C#, ASP.NET MVC, SQL) Aug. 2008 - Sept. 2009
  - Worked on reonomy.com with a large team of developers. My task was to write and managed all of the back-end services for multi-threaded screen-scraping and parsing of various content types.
  - Designed reusable User Interface controls.
  - Microsoft review of the project can be found here: https://blogs.bing.com/maps/2009/05/11/reonomys-innovative-launch-with-virtual-earth

- The National Breast Cancer Foundation (C#, ASP.NET, SOLR) Dec. 2008 - Jan. 2009
  - Customized the Community Server search engine to search additional metadata and criterion by a user's location.

- Bink.nu (C#, ASP.NET, SQL) Dec. 2007 - Jan. 2010
  - Maintained and optimized the dedicated web servers to increase performance and capacity.
  - Implemented new site redesign while supporting legacy urls and features.

- Sober.com, Inc (C#, ASP.NET MVC, JavaScript, SQL) July 2007 - Oct. 2008
  - Maintained and optimized web farm to increase performance and capacity.
  - Designed and managed two live Microsoft SQL Server migrations.
  - Migrated Community Server 2.1 Custom Controls and Data Providers to Community Server 2008.

- Global Grind Digital, Inc (C#, ASP.NET MVC, JavaScript, SQL) Nov. 2007 - Jan. 2008
  - Implemented global and external viewer for news sources, was featured on MTV.
  - Implemented Ajax enabled content voting and commenting system.

Open Source

Exceptionless - Provides real-time error reporting for your JavaScript, Node.js, .NET Core, ASP.NET, Web API, WebForms, WPF, Console, and MVC apps.

https://github.com/exceptionless/Exceptionless

Foundatio - Pluggable foundation blocks for building distributed apps.

https://github.com/exceptionless/Foundatio

Distributed System Architecture

Docker / Kubernetes

Foundatio Repositories - Generic repositories definitions and implementation for Elasticsearch.

https://github.com/exceptionless/Foundatio.Repositories

OAuth2 - A library for user authentication using third-party services

https://github.com/titarenko/OAuth2