

RYAN GRUSS

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Programming Experience

- Coding languages: C#, VB.NET, HTML, CSS, Delphi, Visual Basic
- Scripting languages: JavaScript, React, PowerShell, JQuery
- Other technologies: Azure, Azure DevOps, Microsoft SQL Server, MySQL, Drupal, AWS, Docker, Kubernetes, Microsoft SharePoint

Professional Experience:

Microsoft, Redmond, Washington (January 2021-October 2024)

Software Engineer 2

- Primary DevOps engineer for infrastructure support team, using C#, PowerShell, and React.
- Maintained infrastructure for hundreds of servers across on-prem and in Azure cloud leveraging Azure Portal, Azure CLI, and PowerShell.
- Moved applications to secure tenant in Azure, improving security by reducing attack surface.
- Lead developer for support ticket generation application written in C#. Responsible for code reviews, patching, and troubleshooting.
- Created CI/CD pipeline-based automations for VM creation, reducing engineer time by 80%.
- Managed build infrastructure for Office suite, used by engineers worldwide, including provisioning and after hours on-call support.
- Maintained multiple legacy engineering environments by providing security updates and mapping out deprecation plans.

Wizards of the Coast, Renton, Washington (November 2013 – January 2021)

Software Developer

- Maintained consumer facing websites for all Wizards of the Coast brands using a variety of programming languages and frameworks including C#, VB.NET, PHP, JQuery, and PrototypeJS.
- Lead developer for a customer facing card database and API accessed by millions of users per month performing monthly updates, bugfixes, and improvements.
- Creator and manager of internal tool suite that saves time and reduces error rate, reducing page content production time by approximately 85%.
- Migrated production Drupal-based websites from third party hosting to Docker containers self-hosted on AWS, resulting in \$400k annual cost savings while maintaining availability.
- Managed production legacy systems ensuring high availability and applying security upgrades where needed including upgrading to HTTPS.
- Wrote software design documentation for new software projects.
- Interfaced with other teams to gather and elaborate on requirements.
- Moved code base from Perforce to GitLab and created a feature branching system to give developers a private environment to test code.

AltaSource Group, Kirkland, Washington (April 2013 – November 2013)

Web Developer – Embedded Contractor with Wizards of the Coast

- Maintained XML-based Content Management System.
- Added new features to sites as requested, including a full featured commenting system.
- Created automation framework for adding localized content to Wizards websites.

AMSEC LLC, Bremerton, Washington (April 2012 – April 2013)

Software Engineer III – Embedded Contractor with US Navy NUWC Keyport

- Developed high quality web-based applications and SharePoint sites for government customers, using C#, VB.NET, Javascript, and JQuery languages.
- Provided support for application users as Tier 2 technical support.
- Assisted government personnel directly with multiple projects as the contract team point of contact.

Education

Montana Tech of the University of Montana, Butte, Montana (2003 – 2007)

Bachelor of Science – Software Engineering

Certifications / Clearances

- Microsoft Certified Professional Developer, SharePoint Developer (2012)
- Microsoft Certified Technology Specialist, SharePoint Application Development (2012)
- US Department of Defense Security Clearance: Secret (2012)