






BARRET E. HEATON

DevOps Engineer

CONTACT

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EDUCATION

Bachelor of Science
Computer Engineering
Miami University
May 2017

SKILLS

Cloud Platforms - Microsoft Azure
CI/CD Tools - Azure Pipelines, Redgate
SQL Compare, Docker, App Center
(HockeyApp), Azure Test Plans
Scripting Languages - PowerShell Core,
Bash
Programming Languages - C#,
TypeScript (ReactJS), VB.NET
Databases - Microsoft SQL Server,
Azure SQL Managed Instance, Azure
Cosmos DB, MongoDB
OS - Windows Server, Linux (Ubuntu),
macOS
Technologies - Jenkins, Kubernetes

CERTIFICATIONS

Miami University Professional
Education, MMBA: miniMBA
Microsoft Certified: DevOps Engineer
Expert
Microsoft Certified: Azure Developer
Associate
Professional Scrum Master I
Lean Six Sigma Yellow Belt Certification

WORK EXPERIENCE

DevOps Lead (Development & Operations Lead)

Irth Solutions, LLC / Feb 2020 - current

- Designed and led transition of enterprise SaaS application from private cloud to Microsoft Azure.
- Documented and led adoption of DevOps methodology across the Technology organization while facilitating the continual transition and improvement of Agile processes.
- Conceptualized and implemented Continuous Integration and Continuous Delivery procedures to increase code and deliverable quality and decrease sale-to-deploy time.
- Defined and built release metrics and monitor processes to assure stability, reliability, and security of products in production.
- Documented and improved inter-disciplinary processes and deliverable hand-offs between internal teams.

Software Engineer

Irth Solutions, LLC / May 2019 - January 2020

- Supported and iterated on asset management SaaS application on web, iOS, Android, and Windows platforms. C#, SQL Server backend with MVC, KnockoutJS web frontend and Xamarin.Forms and WPF mobile frontends.
- Evangelized DevOps as a philosophy, tool, and process.
- Designed and implemented transition from JIRA to Azure DevOps Services including implementation of Microsoft Flow (Power Automate) to streamline workflow processes.

Associate Consultant

HMB, Inc / Jun 2017 - Apr 2019

- Transitioned existing projects from .NET Framework and WPF applications to ASP.NET Core 2.1 and ReactJS web applications. - 10+ person development team.
- Developed site-wide security and computer information aggregation and analysis solution involving ReactJS, Typescript, C#, ASP.NET Core 2.1 developed and deployed with Docker. - Six-person development team.
- Maintained large scale industrial automation legacy system deploying engineer-facing solutions involving VB.NET, C# and WPF. - 10+ person development team.