

Preston Martin

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Education

University of South Dakota

2010 - 2014

- ❖ B.S. Computer Science
- ❖ Minor in Mathematics
- ❖ University of South Dakota IT Consultant Academy

Employment

Release Engineer - DocuTAP

2015 - Present

- ❖ Developed scripts and applications created with Python, Ruby, and PowerShell to power automated releases in both cloud and data center environments.
- ❖ Analyzed release data to produce data models around database schema and conversion update times. Factors for analysis included database table structure, server utilization, disk fragmentation, and dedicated cloud hosted instances.
- ❖ Developed and debugged multi-threaded C# infrastructure release application.
- ❖ Standardized and integrated SVN and Git repositories with Jenkins and AWS CodeDeploy.
- ❖ Created thorough documentation for all automated release applications with a strong emphasis on preconditions and post conditions.
- ❖ Facilitated DevOps practices by implementing continuous integration pipelines using Jenkins, Chef, and AWS tools (EC2, S3, and OpsWorks).

Scrum Master – DocuTAP

2015

- ❖ Instituted MVP concepts to create incremental deliverables for stakeholders of whom included integration testers, product owners, outside consultants, and customers.
- ❖ Utilized Kanban and Agile methodologies to optimize workflow by managing the team's sprint backlog.

Software Developer – DocuTAP

2014 - 2015

- ❖ Developed object oriented C# classes and components for DocuTAP applications to parse and store HL7 messages from outside vendors.
- ❖ Developed features using the iTextSharp .NET Library to allow clinic providers to send previously editable pdf forms as read-only forms.

Software Technologies

Programming Languages

- ❖ Ruby
- ❖ Python
- ❖ C#
- ❖ PowerShell
- ❖ Java

Infrastructure

- ❖ AWS (EC2, S3, EBS)
- ❖ Chef
- ❖ VMWare
- ❖ Windows
- ❖ Linux

Other DevOps Technologies

- ❖ AWS (Code Pipeline, IAM)
- ❖ SQL
- ❖ Jenkins
- ❖ Git