**MOHSIN RUBEL**  [mohsinrubel.devops@gmail.com](mailto:mohsinrubel.devops@gmail.com) || Senior DevOps Engineer || 5713322630

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* GitHub Profile: <https://github.com/mohsinrubel/>
* Portfolio: <https://www.mohsinrubel.com/>
* Blogs: <https://medium.com/@mrubel.documents>



**Academic History:**

**Stratford University - Falls Church, VA | Master of Science**

Information Systems, 2015

**University Of Bedfordshire – Luton, UK | Bachelor of Science**

Computer Science, 2007

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**Professional Experiences:**

**Sr DevOps Engineer**

**Health Payment Systems || Pay Medix**

July 2023 - Continue

[**https://hps.md/**](https://hps.md/)

**Currently working in the Infra team and responsible for provisioning, maintaining, and monitoring infrastructure, providing support to all teams across HPS to ensure the smooth operation of the business. also actively involved with manager and CIO to plan cloud migration journey.**

**Technology Stacks:**

Azure Cloud, Bamboo, Bitbucket, Octopus Deploy, vSphere, automate, Insite, PowerShell, Confluence, Microsoft 365, Jira, Zendesk, PDQ deploy and Inventory, Password state, SSRS, Confluence, SharePoint, Windows, SQL Monitor, Zabbix

Key Responsibilities:

* Led successful migration of **Domain Controllers from Windows Server 2012 to 2019**, ensuring minimal downtime, and maintaining seamless domain functionality.
* Created DR Plan and leading End to End DR Testing for the critical servers and applications.
* Executed the migration of **WSUS server**, enhancing the efficiency of the update management process across the network.
* Upgrade and Migrated Subordinate and Root CA servers from 2012r2 to 2019.
* Spearheaded the upgrade of all Windows servers from 2012 to 2019 using **PDQ Deploy**, implementing a systematic and streamlined approach.
* Identifying and test the compatibility of existing artifacts, custom adapters, and orchestrations with the new version of **BizTalk Server.**
* Proficiently **provisioned, maintained, and patched Windows servers on VMware vSphere**, optimizing server performance and ensuring compliance.
* Administering **Bamboo** CI/CD tool, **Bitbucket** repositories, collaborating closely with development teams to troubleshoot issues and enhance the continuous integration process.
* Managing **Octopus Deploy**, overseeing project setup and release scheduling for efficient and controlled deployment processes.
* Implemented comprehensive monitoring solutions using **SQL Monitor** and **Zabbix** for VMs and SQL clusters, ensuring proactive issue resolution and system optimization.
* Efficiently managed file servers using **FTP,** ensuring secure and organized file sharing within the organizations and Providers.
* Automated workflow creation using automate, reducing manual intervention and improving overall operational efficiency.
* Utilizing PDQ Deploy for software deployment and maintained accurate software inventory, ensuring standardized configurations across the infrastructure.
* Administering and Upgrading Password state for secure password and credential management, enforcing best practices for credential storage.
* Leveraged **PowerShell** scripting for automation runbook and scheduled task execution, contributing to enhanced operational efficiency and task automation.
* Collaborating with vendor support teams like **Sophos, Arctic Wolf, Softchoice, Deft** to troubleshoot issues and ensure timely resolution.
* Participating in contract negotiations with vendors to secure favorable terms, licensing agreements, and pricing structures.

**DevOps Engineer II**

AmeriSave Mortgage Corporation - Atlanta, GA

May 2020 – June 2023

<https://www.amerisave.com/>

**As a DevOps engineer in the infrastructure team, I excelled in the end-to-end management of infrastructure, encompassing provisioning, monitoring, maintenance, support, and upgrades.**

**Technology Stacks:**

OpenShift, Terraform, Ansible, Azure Cloud, Data Dog, PowerShell, Windows, Linux, Azure DevOps, Jira, Traefik, Keeper, Docker Swarm, Argo CD, MOVEit, Alert Logic, CrowdStrike, Locust, Python, GitLab, SharePoint, Confluence, Turbonomix, keyVerno Policy.

**Key Contributions:**

* Maintained Ten Azure IAAS and PAAS subscriptions, holding the highest privileges for subscription and users control in Azure Portal, Azure DevOps, OpenShift and Datadog.
* Collaborated with cross-functional teams encompassing IAM, System Administration, Networking, Cybersecurity, SQL, Development and Operational teams to ensure seamless DevOps processes.
* Utilizing Terraform to automate infrastructure provisioning on Azure Cloud, 30-40 resources have been created and maintained by Reusable Terraform template including **Active Directory, VMs, Key Vault, Storage Accounts, App Services** etc.
* Orchestrated continuous integration and continuous deployment (CI/CD) pipelines using Azure DevOps and GitLab, enhancing development workflows and reducing release cycles.
* Implemented monitoring and performance tracking using Datadog, providing insights for proactive system enhancements and issue resolution.
* Leveraged PowerShell for windows server and Bash scripting for Linux for automation, optimizing routine tasks and improving team efficiency.
* Utilized Argo CD for automated GitOps deployments, streamlining the release process and minimizing errors.

**DevOps Engineer I**

Fonteva - Arlington, VA

August 2016 – April 2020

<https://fonteva.com/>

Served as Core member of ADT (Application Development Tools) Which is responsible for defining and prioritizing technology investments for the next two years, ensuring the alignments of process, technology, and business objectives.

**Technology Stacks:**

Kubernetes, Terraform, HashiCorp Vault, PowerShell, Windows, Linux, Azure Cloud and DevOps, AWS Cloud, Jira, GitLab, Postman, Jenkins, Azure Monitor, Azure Security Centre, Azure Data Factory, SharePoint, Confluence

**Key Contributions:**

* Worked closely with product development teams to integrate DevOps practices into the product development lifecycle.
* Contributed to product roadmaps, aligning them with DevOps principles to enhance product stability, performance, and scalability.
* Led the implementation of HashiCorp Vault for secure secret management, ensuring data privacy and compliance.
* Successfully migrated on-premises applications to Azure Cloud and AWS Cloud, achieving greater flexibility and scalability.
* Enhanced deployment efficiency by utilizing Docker and Docker Compose, reducing deployment times by 30%.
* Implemented CI/CD pipelines using azure DevOps and GitHub, automating the build and release process, and reducing manual errors.
* Integrated SonarQube for code quality checks, resulting in a 20% improvement in code quality and reduction in technical debt.

Technical Skills:

● **CI/CD:** Jenkins, Azure DevOps, Gitlab, Bamboo

● **Container Orchestration:** Kubernetes, Docker, OpenShift, Octopus Deploy

● **Infrastructure as Code (IAC):** Terraform, ARM, AWS Formation

● **Configuration Management Tool:** Ansible, Automate, Chef

● **Cloud Platforms:** Azure, AWS, Google

● **Scripting Languages:** Bash, Python, PowerShell

●  **Monitoring and Logging:** Prometheus, Grafana, Datadog

● **Project Management Tools:** Jira, Zendesk, Azure Boards

●  **Static Code Analysis Tools:** SonarQube, Coverity

● **Testing Tools:** Selenium, Junit, Locust, Postman

●  **Build Tools:** Maven, Gradle

ENTREPRENEURIAL EXPERIENCES:

**Founder and Owner**

AppDrove LLC

2021 - Present

Dedicated to building and leading a dynamic team of young developers, driven by the vision of creating innovative mobile applications for both the Apple and Google Play stores. In addition to crafting exceptional user experiences, I am also passionate about continuously exploring and implementing cutting-edge solutions in DevOps and cloud technologies. This commitment to innovation and excellence is at the core of why AppDrove LLC was founded, and I am proud to drive this mission forward.

**Business Development:**

* Developed and executed a comprehensive business plan, outlining the venture's mission, target market, and growth strategy.
* Identified market opportunities, conducted market research, and implemented go-to-market strategies to acquire customers.

**Financial Management:**

* Oversaw budgeting, financial forecasting, and financial management, ensuring the venture operated within a sustainable financial model.
* Implemented cost-effective strategies and monitored cash flow to maintain financial health and support growth initiatives.

**Achievements:**

* Developed a custom watch Gallery and Widget

<https://apps.apple.com/us/app/watch-faces-watchwizard/id6450963467>

Certifications:

Microsoft Azure Administrator Dec 2022- Dec 2024

Microsoft Certified DevOps Engineer Dec 2022 - Dec 2024

HashiCorp Terraform Associate July 2023 - July2025