**CHRISTOPHER ROBERT HARDY**  
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**SUMMARY**

Results-driven Senior DevOps Engineer with extensive experience in DevOps, QA Software Test Automation (SDET), Product Management, and Scrum Master roles. Highly skilled in leading teams to build, test, and deploy high-quality software solutions using cutting-edge technologies. Proven track record in optimizing CI/CD workflows, automating infrastructure, and leading Agile teams to drive process improvements and deliver impactful results.

* Expertise in CI/CD pipeline creation and maintenance with tools like Jenkins, GitLab, AWS, Azure, Kubernetes, Docker, and Terraform.
* Skilled in developing test automation frameworks and custom tools using Java, TestNG, JUnit, Rest Assured, and JMeter.
* Strong background in managing projects, implementing Agile methodologies, and facilitating cross-functional teams as a Scrum Master and Product Owner.
* Adept at creating robust infrastructure as code solutions and maintaining cloud environments using AWS, Azure, and IBM Cloud.

**TECHNICAL SKILLS**

* **Languages**: Java, Groovy, Python, SQL, XML, JSON, Bash, PowerShell, Ansible
* **CI/CD Tools**: AWS, Azure DevOps, Jenkins, GitLab, Docker, Artifactory, Kubernetes, Helm, Nagios, Prometheus, Grafana
* **Testing Frameworks**: TestNG, JUnit, RestAssure
* **Testing Tools**: JMeter, SoapUI
* **Build Tools**: Maven, Gradle
* **Source Control**: Git, GitHub, BitBucket
* **Databases**: Cassandra, MySQL, Oracle 11
* **Operating Systems**: Linux, Windows
* **Editors/Tools**: IntelliJ, Eclipse, JIRA, Confluence

**PROFESSIONAL EXPERIENCE**

**WERFEN, Bedford, MA**

**Senior DevOps Engineer, Scrum Master**  
*November 2021 to Present*  
**Technologies Used**: Python, Bash, Bitbucket, Jenkins, Artifactory, SonarQube, Jira/Confluence, VMWare vSphere

* Designed and managed DevOps CI/CD pipelines, maintaining infrastructure automation for deployments to vSphere VMs (Linux/Windows environments).
* Led Agile team meetings and facilitated Scrum ceremonies, ensuring successful sprint planning, execution, and retrospectives.
* Collaborated with cross-functional teams to troubleshoot and optimize development workflows, improving operational efficiency and service availability.

**OMNI FEDERAL, Boston, MA**

**Senior DevOps Engineer, Project Manager, Scrum Master**  
*Kessel Run Project for the U.S. Air Force*  
*April 2021 to November 2021*  
**Technologies Used**: AWS, Kubernetes, Python, Helm, GitLab, Lens

* Maintained and deployed critical applications like GitLab, SonarQube, Vault, and Nexus to support U.S. military operations using AWS, Kubernetes, Docker, and Helm.
* Managed project timelines and facilitated Scrum ceremonies to ensure on-time delivery of infrastructure and application updates to thousands of military personnel.

**NUANCE HEALTH, Burlington, MA**

**Senior Site Reliability Engineer (SRE)**  
*April 2020 to April 2021*  
**Technologies Used**: Azure DevOps, Powershell, GitHub, Nagios, Grafana, Prometheus, Salt, ARM-Templates

* Led a team to build and maintain a scalable CI/CD pipeline in Azure DevOps using Infrastructure as Code (IaC).
* Developed monitoring tools and automated processes to ensure high availability and reliability of data infrastructure across Azure environments.
* Facilitated Agile processes and improved team collaboration by guiding daily standups and retrospectives.

**IBM – WATSON HEALTH IMAGING, Cambridge, MA**

**Lead QA, SDET, CI/CD, DevOps**  
*November 2016 to March 2020*  
**Technologies Used**: Jenkins, Java, Groovy, Docker, Artifactory, Kubernetes, JUnit, RestAssured, SonarQube, Maven, Gradle

* Spearheaded the development of CI/CD processes and test automation frameworks for Watson Health Imaging.
* Built test automation solutions for REST APIs and led the integration of testing within the CI/CD pipeline.
* Delivered training and mentoring on Agile methodologies and CI/CD best practices to ensure the effective adoption of new tools and processes.

**IBM – WATSON CORE, Littleton, MA**

**Senior CI/CD QA Automation Engineer**  
*April 2015 to October 2016*  
**Technologies Used**: Jenkins, Java, Groovy, Bash, Linux, Eclipse, GitHub

* Developed and maintained an automated test framework for the Watson Core project, focusing on testing REST APIs for over 20 microservices.
* Optimized Jenkins pipelines to ensure streamlined integration of automated test suites and daily regression testing for the QA team.

**ADDITIONAL PROFESSIONAL EXPERIENCE**

* **SCHOLASTIC***, Alston, MA | Lead QA Engineer*
* **HEALTH EDGE***, Burlington, MA | QA Automation Engineer*
* **RSA / EMC***, Burlington, MA | QA Automation Engineer*
* **MIT LINCOLN LABORATORY***, Lexington, MA | QA Automation Engineer*
* **PROSERVICES CORP**, Trenton, NJ | *Process Developer/Tester and Defect Analysis*
* **RDECOM – S&TCD**, Ft. Monmouth, NJ | *Information Assurance Software Engineer*
* **BAE SYSTEMS**, Wayne, NJ | *Principal Software Engineer*
* **LOCKHEED MARTIN**, Moorestown, NJ | *Member of the Engineering Staff*
* **COMPUTER SCIENCE CORPORATION**, Mt. Laurel, NJ | *Associate Member of the Technical Staff*

**EDUCATION**

* **Bachelor of Computer Science**, Rowan University, Glassboro, NJ | *September 1997 – May 2001*
* **A.S. in General Engineering**, Ocean County College, Toms River, NJ | *September 1993 – May 1997*
* **Certificate in Test Engineering**, Villanova University, Philadelphia, PA | *June 2010 – December 2010*

**ACTIVITIES**

* **FREEMASON OF MASSACHUSETTS**, Littleton, MA | *December 2015 – Present*
* **TOWN OF ACTON**, Acton, MA | *Recreation and Economic Development Committees*
* **ABY SOCCER**, Acton, MA | *Head Soccer Coach (Girls)*
* **ALPHA CHI RHO FRATERNITY**, Glassboro, NJ | *President*