90 DAYS WITH PORTAINER

A Sensible Guide On Containerization

A Guidebook By

STEVEN RESCIGNO

90 Days With Portainer

A Sensible Guide On Containerization

Steven Rescigno

You know me through my writing. You've already met me. I'm grateful for the people whom I've met that inspired me to write my experiences to share with others. My career has grown in many ways due to the people that have believed in my abilities and skillsets.

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Introduction

Our book is called "90 *Days*" with Portainer.

Our intentions are clear, we'd like for you to become fully immersed in all things Docker for exactly 90 *Days* just as we've been immersed for over 7 years in the ever-revolving website development profession.

We've written this guidebook to help start you along the path of developing, learning and building your own containers within a virtualization ecosystem like Docker, Docker Compose and Portainer.

Learn about containers and developer workflows.

Our book titled "90 *Days With Portainer*" is Geared towards self starters & beginners and we also cater towards the most advanced experts and professionals in the web industry.

If you're looking for solid, practical code solutions while developing with docker containers, and in-depth knowledge about Portainer.

You'll **enjoy** our book.

Most importantly the eBook is for **Beginners**.

You don't need an expensive Degree.

You don't even need an expensive Computer to get you started either.

You'll learn from a solo web developer with 7 years of experience, learn to become a skillful web developer starting from zero experience going all the way to one-hundred by the end of reading our book.

A general understanding of code and the ability to code is recommended to follow the examples presented in this book.

We break down code into easy to understand pieces of information and only require basic level of knowledge for our audience to get value.

You'll learn about advanced settings for docker networking...

No more, guessing what developers do during after and after meeting them

About The Author

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Day 1: The History Of Portainer

Portainer started as an open-source project in the year of 2016 built on a single ES6 javascript *"Grunt"* File, which at that time was a task manager written on top of NodeJS and the core source code was written in AngularJS.

Portainer's official release was in 2016 with a growing loyal user group and a loyal customer base.

<p style="text-align:center">*   *   *</p>

Portainer's primary use was to visualize Docker's *CLI tool* inside a dashboard which would be able to manage containers, networks or IPM configurations and build artifacts like volumes and images.

Over the years **Portainer** became quickly noticeable especially within the javascript open-source communities.

Docker was positioned as a tool- which could handle almost any management of container-based software deployments making it very fascinating.

Portainer was one of the first solutions available in **2016** while a very experimental tool named **Kubernetes** was just beginning to be developed by the open-source community in 2014.

Containerization started a modern era for managing software, changing the trajectory of software development forever, as they planned to ditch the overhead of more traditional Virtual Machines and boilerplate code.

My **Containerization** journey started in 2018, while learning docker, and this is why my journey is similar to many open-source developers.

Docker had a major impact on many starts and many individual developers!

Portainer was an incredible tool to starting earily in 2017 changing the course of web adminstrators daily responsibilites and was considered a very

new concept of **Containerization** in the web industry which wasn't expecting such a dramatic change.

<p style="text-align:center">*   *   *</p>

Docker decided to come up with a new concept known as a registry where container images are stored as build artifacts and pushed to a centralized Hub with User Account Permissions.

Build Artifacts eventually became a way for cloud providers to push and pull to registries which update software without the requirements of directly editing virtual machines with text editors transforming the way applications and packages have been built in modern days.

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Docker Desktop On MacOS

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Day 3: Getting Started Installing Portainer

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