

Bart Labno

DevOps Engineer with SysAdmin background located in London

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<https://uk.linkedin.com/in/blabno> | <https://gitlab.com/istredd> | <https://github.com/bartlabno>

I am experienced DevOps and WebOps Engineer with deep System Administrator background. Working with **Linux** (RHEL - CentOS, Red Hat, Ubuntu, **Debian**) and **Windows** (2008, 2012). Working as **System Administrator** for more than 14 years and **DevOps/WebOps** for over 7 years. I am working with cloud-based solutions - **Amazon Web Services** (CloudFormation, EC2, Route 53, ELB, S3, VPC, ECS), Microsoft **Azure**, RackSpace or GCP. Multiple implementations of automation deployment, configuration management and CI/CD with **Ansible**, Puppet, **Jenkins**, GIT, Concourse, Bamboo, Octopus Deploy. **Docker**, **TeamCity**, **Terraform**, RH Satellite, ELK. Strong Python, **BASH**, and Powershell. Working on container based solution **Docker** and **Kubernetes** - building containers from scratch, performance optimization, container orchestration, automated containers deployment and scaling. Implementations of monitoring and log aggregation using tools like **NAGIOS**, Zabbix, Grafana, **Elasticsearch**, WatchDog. Working with different virtualization technologies VMWare, Hyper-V. Holding **Security clearance** for since May 2019 and **DBS** check since 2018. Working on **government** projects using **GDS standards**.

DevOps Engineer at GDS (Government Digital Services)

December 2018 to February 2019

Working on Digital Transformation project using **RHEL** (RedHat Linux), **Ansible**, **AWS**, **Concourse CI**, **JIRA**, **Kubernetes**, **Docker**, Automation and speeding up deployment process. Working using GDS and Agile standards. CI/CD deployment, Infrastructure as Code (**IaC**)

DevOps Engineer at Adaptavist (fully remote project)

September 2018 to March 2019

Adaptavist is the largest **Atlassian** services provider worldwide. Serving over 2000 companies in 58 countries. Fully remote cooperation. Working on AWS technologies like **Lambda**, **EC2**, **S3**, **VPC**, **Fargate**, **RDS** or **Aurora** to provide best solutions for end client. **EC2** Linux (RedHat based). Using **Terraform** and **Ansible** to provide services. Using **JIRA**, **Confluence**, **Bamboo** or **GIT**. Working on container based solution **Docker** and **Kubernetes** - building containers from scratch, performance optimization, container orchestration, automated containers deployment and scaling

DevOps consultant at HMCTS (Ministry of Justice)

July 2017 to June 2018

Government project with **Ministry of Justice** (HMCTS). Working on deployment automation and migration to **Azure** including technologies like **Ansible**, **Jenkins**, **Azure**, **Google Cloud**, **GitHub**, **Terraform**, scripting. Working on **Windows Core**, **Windows 2016**, Linux **RedHat** and **CentOS** including tools and techniques like **nginx**, **artifactory**, scripting, automation. Writing **Ansible** roles, working with Terraform, **JAVA**, **ELK stack**, Zabbix, **Docker** or **hashicorp** tools. Using **Kubernetes** for container orchestration. **IaaS to PaaS** migration. A wide range of commits and a lot of contributions of my code available <https://github.com/bartlabno>. Working using **GDS standards** - from understanding user needs, through open sourcing all code, using Agile methods, making sure security is a key or successfully planning all steps - including maintenance periods.

DevOps Engineer at HSBC

April 2017 - July 2017

Working with a large bank on **Jenkins** migration, **ELK** setup, ansible automation, **AWS**, writing **Ansible playbooks** and roles. Multiple **bash** scripts. Working with a large environment based on **RedHat 6.x**, **Kubernetes**. Working with tools like **Jenkins**, **ansible**, **GitHub** to speed up deployment pipeline. Working as 3rd line support, Agile methods

Senior DevOps Engineer at Deloitte

February 2017 - April 2017

Migration from fully manual into an automated deployment process. Using **Ansible-GIT-Jenkins-Nexus-ELK** tools. Focused on automation of product delivery project with many self-written ansible roles, **playbooks**, **Kubernetes**, **Jenkins** jobs, bash scripts. At the moment a whole product is able to be delivered within an automated pipeline with **CI/CD** implemented. Working with **Ansible**, **Jenkins**, **GIT/Bitbucket**, bash scripts, **Nexus**, apache, **JAVA**, MongoDB, MySQL, **RedHat** Linux or Hybris to automate the deployment process. Written a lot of playbooks from scratch including Continuous Deployment pipeline. Setup of large **ELK** stack - including the dashboard, log transformation, setting up the cluster

DevOps at Ministry of Justice

July 2016 - January 2017

Automation of existing and new infrastructure based on Microsoft **Azure** and **Google Cloud**. Working with AWS (CloudFormation, EC2, S3, SG), **Ansible**, **Terraform**, **Windows Core**, **Windows 2016**, Linux CentOS, Python, bash, **Artifactory**, Zabbix, **ELK** (elasticsearch cluster, logstash, grok patterns, filebeat), **filebeat**, vault, git, **Jenkins**, PostgreSQL, iptables, **Apache**, **HAProxy**, **RatticDB**, **Tomcat** and **JBoss** and other technologies to make deployment and system management easier and more secure. Improving security configuration. Working with proxies based on **haproxy**, **WAF** to

filter unwanted traffic, routing traffic - all fully automated with **Ansible**. Working with **Docker** and **Kubernetes** (non production, but development level). Jira, Confluence, Agile, PCI compliance. Working using **GDS standards** - from understanding user needs, through open-sourcing all code, using Agile methods, making sure security is a key or successfully planning all steps - including maintenance periods. **OpenShift** in sandbox, MongoDB

DevOps at Motion Picture Solutions

April 2016 - July 2016

Delivering automation experience. Working with **Ansible**, **Linux**, Python, **bash**, Perl, mercurial, **vault**, git, **Jenkins** and other technologies to make deployment and system management easier and more secure. Introducing **DevOps** culture from scratch to improve current deployment time, manage the process of instances, users and software configuration. Improving security configuration.

DevOps Engineer at HMRC

March 2016 - April 2016

Working on deployment and delivery pipeline to speed up existing process. Working with a couple of different technologies infrastructure is Linux Ubuntu based. Using tools like **Puppet**, **Terraform** **Ansible**, **Kubernetes**, **JBOSS**. Writing scripts in Python, Ruby, bash, Sensu monitoring, **Jenkins**, **GIT**, **JIRA**, **AWS**. Jira, Confluence. Working using **GDS standards** - from understanding user needs, through open-sourcing all code, using Agile methods, making sure security is a key or successfully planning all steps - including maintenance periods.

DevOps Engineer at Totaljobs Group (CW Jobs, Totaljobs)

December 2015 - February 2016

Short term project to help existing Developers team to deploy a new exciting software into production. Possibility to work with many modern technologies like Puppet, Jenkins, **AWS** (EC2, Route 53, S3), **Docker**, **Terraform**, **Kubernetes** but also well established System Administration things. Administrating of Linux based servers (Ubuntu), creating a lot of different script in **BASH** and Python, **ELK log analysis**, **grok patterns**, **dashboard creation**, troubleshooting and documentation. Making existing infrastructure more automated, by replacing manual deployment steps with Puppet and designed scripts. Working with ELK for data analysis. Jira, Confluence, Agile methods, MongoDB

DevOps Engineer / TechOps at Hotels.com

August 2015 - October 2015

Short term project to support existing **DevOps** team in daily challenges and help them to migrate some of the previous platforms into **Docker** and **Ansible**. Working with a platform based on **Linux** Servers (CentOS 5, CentOS 6), looking into logs, supporting **Tomcat** and JBoss. Writing a new **BASH** and **Python** scripts, playbooks or docker containers. Monitoring via Graphite and **ELK**. Keeping documentation, and ticket updates with Jira. Agile environment, PCI compliance

Senior DevOps at Advanced Health and Care (AHC)

February 2015 - July 2015

Build **DevOps** function, integrating automation technologies, working with **Azure**, **AWS**, **Microsoft Windows 2012**, **PowerShell**, **PowerShell DSC**, **TeamCity**, GitHub Enterprise, **Octopus** Deploy. Working with **Redis** clustering (Linux and Windows), **CentOS 7.x**, **Ansible** implementation. Writing my own scripts in bash and **Powershell**. Integrating **Ansible** with **Octopus** Deploy, **TeamCity** and **GitHub**. Also supporting TargetProcess, **Hyper-V** and **VMWare ESX**. Implementation of **ELK** for log aggregation. **Agile** environment, PCI compliance. Working using **GDS standards** - from understanding user needs, through open-sourcing all code, using Agile methods, making sure security is a key or successfully planning all steps - including maintenance periods.

DevOps at Sainsbury's Entertainment

01 December 2014 - 20 January 2015

Short term project to write and deploy **Ansible** playbooks which will monitor all production, uat and dev servers. Writing own playbooks to cooperate properly with Ansible, writing bash and **Perl NAGIOS** plugins (monitoring) based on bash and Python including **NRPE** checks for specific server roles. Everything based on **GitHub** repos. Working with **Linux**, **Apache**, **PSQL**, **Nagios**, **Ansible**, **ELK**

Linux Administrator at Flybe

August 2014 – November 2014

Main responsibilities are to maintain enterprise infrastructure (500+) servers on **VMWare**, infrastructure and services monitoring based on **Zabbix** and **Nagios**, scripts writing (**bash**, python, **ruby**) and systems analysing implementation (**ELK**, **logstash**) mostly based on **RedHat 6.x** (**LAMP**, **Apache**, **nginx**, **Tomcat**, **JBoss**), **Red Hat Satellite**. Infrastructure maintenance, **Linux** support, network interfaces support, server installations and deployment. Domain implementations and support (IPA). Very important point of the whole infrastructure was to manage and deploy all servers over **Red Hat Satellite** (5.x and 6.x to work properly with **RackSpace**), PCI compliance, **ELK**

SysOps | Systems Administrator at blurGroup

February 2014 – August 2014

Main responsibilities were to maintain enterprise infrastructure (350+) servers on **AWS** cloud including **EC2**, **Load Balancing**, **Monitoring** implementation and DBA support (**MySQL**), **security** improvements (**snort**). tunnelling (OpenVPN,

IPSEC), infrastructure and services monitoring based on Nagios including self written scripts (**bash**) and systems analysing (**ELK**, logstash) mostly based on Ubuntu **Linux** (**LAMP**, apache, nginx, tomcat), SSO implementation based on **OpenAM**, automation of processes with **Ansible** and **Chef** and work with **GIT** revision control software. Working with **OpenStack**. In **AWS** area I worked with around 350 instances around the whole world (6 regions). I was responsible for the migration of external servers to AWS - including Load Balancers and some scripts which I made to keep Route 53 always up. So if there any server fails or any regions has issues I am moving over **Route 53** and some of my scripts to other regions. I am also responsible for all **EC2**, **backups** to **S3**, **Route53**, Load Balancers and keeping them in **Nagios** (so some scripts over aws ec2 - bash - to add/remove nodes from Nagios). I created Nagios to monitor all servers on cloud and **ELK** (log analyzer). Working with **JAVA** based apps - **JBoss** and Tomcat. Please take a look into the link below to see some screenshots of my implementations [available on google drive](#).

Linux Administrator at Complete Automotive Solutions

February 2013 – February 2014

Linux CentOS based servers maintenance, system analyzing, issues solving and implementation of **Asterisk**, **Spacewalk**, Maintain 250 stand-alone servers on client side (**Linux**, **LAMP**), **AWS** admin/management (one region, about 60 production servers), Automation and code deploy with **Chef** and **Puppet**, **MySQL** administration, System analyzing, **Asterisk** (administrating, managing, implementing), Users support (Helpdesk managing, remote solving issues, onside support), **LAMP**, **Snort** implementation, **Dell** infrastructure maintenance, **PCI** compliance

Linux Administrator at AVG Software

June 2012 to October 2012

NAGIOS – Network devices and servers monitoring, Writing **BASH** and **PHP** scripts, **Linux CentOS** 5.x based servers maintenance, Managing software update servers that were distributing **AVG**, Users support (**Windows 7**), **AWS** support

System Administrator at Noble Securities

March 2012 to June 2012

Implementation of **Active Directory** based on **Windows Server 2008R2**, including **GPO**, migration from Netware, **SharePoint** Services 3.0 – implementation (shared documents, phone book, calendar, tasks and helpdesk), **Windows Server 2008R2** - implementation, maintenance and optimization, **NAGIOS** – Network and System monitoring – implementation (network devices and printers, writing scripts), Supporting web servers based on **Apache**, **Securing** data (protecting shared data on servers, **AD** backups), Supporting **Linux Debian** based servers, **LAMP**, Apache software - **JBoss** and **Tomcat**. Users support (**Helpdesk** managing, remote solving issues, desk side support) – **Windows XP/Vista/7**, **Ubuntu**, **Cisco**, **HP**, **DELL**

System Administrator at Wind Telecom

April 2011 to February 2012

Windows Server 2003/2008 Administrator (**Active Directory**, **LDAP** services, users support), **Linux CentOS** based servers maintenance, system analyzing, issues solving and implementation of **Asterisk**, **Active Directory** services implementation via **LDAP** (**ftp**, **OpenVPN**, **SMB**, **PPTP**), **VMWare** Virtualization, Web servers based on **Apache** and **node.js**, **MSSQL** administration, System analyzing, Managing servers for clients (whole Poland or via **VPN**), **Asterisk** (administrating, managing, implementing), **Microsoft Cluster** Server managing (**Windows Server 2003**), Call Center software managing, **LAMP**, **Data** security and backup, Writing scripts in **BASH** and **PHP**, Users support (**Helpdesk** managing, remote solving issues, desk side support) – **Windows XP/Vista/7**, **Ubuntu**

Senior System Administrator at The Institute of Advanced Manufacturing Technology

August 2007 to March 2011

Administration and support (**Windows 2003**, **Windows 2008**, **Debian** Linux, **Novell** Netware), Support for Web Services (**Active Directory**, **Novell Netware**, e-mail, **website**, **FTP**, intranet). Implementing virtualization via **MS Hyper-V**, Support and supervision of network hardware (**switches**, **firewalls**, servers - mainly **HP**), System analyzing, **MySQL** and **MSSQL** maintenance, Web servers - **Apache**, Backup and network security, Writing scripts (**PHP**, **bash**), Users support, Users support (Deskside support) – **Windows 2000/XP**, **CISCO**, **NAS**, **Juniper**, **LAMP**, **TFTP**, **Debconf**

Installation engineer at Power IT

April 2006 to August 2007

Skills:

DevOps automation, **AWS**, **Ansible**, **Jenkins**, **bash**, **python**, **Azure**, **Windows Server 2008/2012**, **ELK**, **Zabbix**, **Nagios**, **Linux** (**RHEL**, **Debian**), **Docker**, **Kubernetes**, **Terraform**, **Linux** (**Ubuntu**, **Debian**, **CentOS**), **Windows Server 2003/2008**, **MS SQL**, **Active Directory**, **SharePoint**, **NAGIOS**, **Hyper-V**, **VMWare**