

# Catalin Popescu

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<b>Last name:</b>	Popescu		
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<b>Nationality:</b>	Romanian	<b>Email address:</b>	catalinp69@outlook.com

## Profile

Veteran systems architect with expertise in coding, application design, defined architectures and successful project leadership. Systems architect with expertise in requirement gathering and analysis, architectural, component and interface design and development for web-based applications in multiple domains . Extensive experience of 10 years in leading the effort to architect, design and build DevOps solutions acting as the primary point of contact and 20 years of Linux systems administration . Skilled in building, developing, and managing a high-performing infrastructure and DevOps team to meet the needs of a rapidly growing and changing business in an even more rapidly changing technology landscape Adept in designing and implementing build, deployment, and configuration management; implementing test designs; building and testing automation tools for infrastructure provisioning Instrumental in leading and executing an effort to integration DevOps on the services that are using cloud platforms; implementing continuous improvement ideas/projects, optimizing the DevOps function Up-to-date on latest industry trends; able to articulate trends and potential clearly and confidently ; good interpersonal skills and communication with all levels of management

## Social Media



@worldoflinux



@cpopescudevo  
ps



devopsguru2020



catalinp69@outl  
ook.com

## Work experience

<b>Digital Cloud OPS Ltd</b> <b>London</b> <b>United Kingdom</b>	<b>DevOps Lead</b> <ul style="list-style-type: none"><li>Managing complex infrastructure in cloud</li><li>Design infrastructure as code</li><li>Managing CI/CD pipelines</li><li>Scripting everything for automation</li></ul>	<b>10/2019 – present</b>
<b>Airlingus</b> <b>Dublin</b> <b>Ireland</b>	<b>Senior DevOps Engineer</b> <ul style="list-style-type: none"><li>Refactoring Terraform scripts</li><li>Refactoring Ansible scripts</li><li>Design new infrastructure on AWS</li><li>Migrate infrastructure components from on-prem to AWS cloud</li></ul>	<b>06/2019 – 10/2019</b>
<b>Sophia Antipolis companies</b> <b>Nice</b> <b>France</b>	<b>Senior DevOps Engineer Consultant</b> <p>Managing complex infrastructure on cloud . Developed and implemented complex Internet and Intranet applications on multiple platforms DevOps consultancy . Helping companies to migrate their infrastructure from on-prem to cloud .</p>	<b>10/2017 – 06/2019</b>



## Work experience

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**Qualitance QBS**  
**Bucharest**  
**Romania**

### **Senior DevOps Engineer**

**11/2016 – 10/2017**

Qualitance QBS is a Romanian company operating in the Romanian and foreign software market. It is a company based on both internal and external projects in various fields such as property management, medical, human resources and so on.

**Project's Description:** The project I was involved with is related to property management. This is a series of office buildings in downtown London whose owner contacted us to build a property management application. The application should allow the end user to rent office space through a web interface, but also with his mobile phone or tablet. It was a pretty serious challenge because all end users had to be authenticated through a login server and had the opportunity to open the rented office with their mobile phone. It was an overwhelming work both from developers and from system engineers. I was a team of 20 people who worked for 7 months

**Responsibility:** The tasks on the project were pretty clear for the whole team. So the developers team was supposed to write the code, the UX team had to create the user interface for both the web and the mobile application, respecting iOS, android phone and tablet formats for iOS as well as for android. The devops team had to create the three infra DEV, STAGING, PRODUCTION and testing application for mobile with FASTLANE application from Fabric.

Tasks to be carried out:

Setup local environment

- Create and setup virtual machines
- Define jobs and pipeline in Jenkins for DEV, STAGING
- Create scripts for docker and docker-compose for application microservices
- Setup environment for FASTLANE
- Define application endpoints

Testing web application on DEV AND STAGING environment Testing mobile application with FASTLANE

Testing application backend with dummy data Creating PRODUCTION env on AWS with docker swarm and

Kuberntes cluster . Upload mobile application on AppStore and Google Play Testing application on real world and apply final touch .

<b>PJ Interactive Media</b> <b>London</b> <b>United Kingdom</b>	<b>DevOps Engineer</b> <b>04/2016 – 10/2016</b> PJ INTERCATIVE MEDIA is a British and Romanian company operating in the field of custom software. The project I was involved in was about creating an eshop for Samsung Qatar. Project's Description: The application was written in java with backend in sqlserver. As any modern application generally includes two parts: a development part that has been taken over by a team of developers and a piece of hard-design design and the creation of the infrastructure that the application is running on. Responsibility: The team of system engineers had as their main task the proposal of the necessary hardware solution, the installation of the related operating systems, the creation of the test environments, and finally the creation of the necessary infrastructure for the development and operation of the application in production Position : DevOps Engineer  Tasks to be carried out:  Setup vms and other software  ▪Setup VM'S  ▪Install and setup Jenkins  ▪Install and setup WildFly  ▪Create jobs and pipeline for DEV,STAGING and PRODUCTION  ▪Install and setup SQL-SERVER  ▪Install and setup AD for users permissions on DEV,STAGING andPRODUCTION servers  Testing infrastructure created  Deploy app to AWS cloud for DEV,STAGING and PRODUCTION by Jenkins jobs and pipeline and also provisioning scripts for Terraform .
<b>Opcom</b> <b>Bucuresti</b> <b>Romania</b>	<b>DevOps Engineer</b> <b>12/2015 – 04/2016</b> OPCOM SA is a Romanian company active in the field of electricity. Its main activity is trader on the electricity market where some buy energy and others sell energy. Romania is acting on an inter-regional energy market alongside Hungary, the Czech Republic and Poland, with sales and purchases of energy being made. Everything should be as transparent as possible, and an application that automates these sales and purchases needs to be done. In this context, it has been decided to create an application to automate these processes on an interregional level.  Project's Description: The application must match purchase orders with orders to sell on energy market. This has resulted in a team of developers and a team of system engineers.

It was decided that the application be written in Java with support from Jboss and Tomcat

Responsibility: The developer team had the main task of developing the application and the website . The team of system engineers had as their main task the proposal of the necessary hardware solution, the installation of the related operating systems, the creation of the test environments, and finally the creation of the necessary infrastructure for the development and operation of the application in production.

Application Website : [www.opcom.ro](http://www.opcom.ro)

Position : DevOps Engineer

Tasks to be carried out:

Infrastructure design :

- Design and create DEV infrastructure
    - Create virtual machines for DEV infrastructure (VPC EC2 ) with Terraform , Cloudformation and Ansible
    - Create job and pipeline in Jenkins to deploy application on AWS cloud environment
    - Setup Jboss server and Tomcat
    - Setup and fine tuning Nginx server as webserver and proxy server Creates scripts for docker and docker-compose for containerization
  - Design and create STAGING infrastructure
  - Design and create PRODUCTION infrastructure
    - Create scripts for terraform and ansible for create infrastructure on AWS
    - Test scripts against AWS
    - Setup an ELK server on cloud AWS and setup Prometheus and Grafana for monitoring infrastructure
- Infrastructure TESTING

**NextLogic Media**  
**London**  
**United Kingdom**

**Lead DevOps Engineer**

**05/2012 – 12/2015**

- Implement DevOps tools and life cycle on responsible services
- Develop and maintain a DevOps roadmap that defines and communicates the strategic direction for DevOp in support of business strategies
- Ensure the DevOps teams are adequately managing of high and critical priority incidents in production
- Improve DevOps environment / team with technical initiatives
- Leads the design, build, and operational management of highly secure and scalable sites/software for the business and works tirelessly to guarantee the reduction or removal of bottlenecks and inefficiencies in the DevOps department and engineering department as a whole
- Collaborate with application development and infrastructure teams in order to help bridge the functional gap and determine the DevOps feature/function set in order to optimize the technical environment
- Develop and execute against the continuous build and deploy toolset roadmap
- Maintain and administer the tools and environments supporting continuous build and automated deployment processes

## Work experience

Several companies Bucuresti Romania	<b>Sysadmin and Senior Sysadmin Linux ,Unix systems</b> Linux server administration Network installation and configuration . VMware installation and administration . Bash and Python scripting for automating day by day tasks . Supporting tasks to code deployment , managing source control system . Develop and overseeing the backup , replication , clustering and fail over strategies .	09/1996 – 05/2012
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## Education

ASE Bucharest Bucharest Romania	<b>Cybernetics</b>	09/1990 – 06/1996
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## Skills

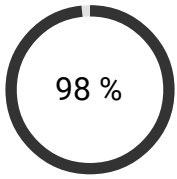
Technology		Languages	
Unix	★★★★★★	Romanian	Native
Cloud - AWS	★★★★★★	English	Professional
GIT	★★★★☆		
Jenkins	★★★★★★		
Terraform	★★★★★★		
Ansible	★★★★☆		
Packer	★★★★★★		
Cloud GCP	★★★★☆☆		
Linux	★★★★★★		
Javascript	★★★★☆☆		
Python	★★★★☆☆		
Bash	★★★★☆		
Networking	★★★★☆☆		
Docker	★★★★★★		
Kubernetes	★★★★☆		

## Strengths

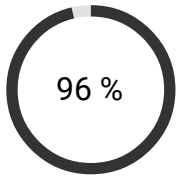
Teamwork Responsibility Adaptable Creative Optimist Dedicated Analytical  
Detail oriented Tactful

## Cognitive traits

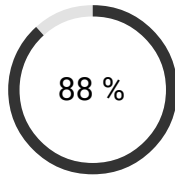
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Processing  
Consistency



Attention  
Duration



Processing Speed

## Hobbies

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Traveling



Getting lost in a  
good book



Capturing  
moments



Feeling the  
music



Sports in general



Socializing