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José Coelho

Summary

Platform Engineer with extensive experience in designing and implementing highly available and maintainable infrastructure solutions, continuous integration, delivery and deployment processes. Background encompasses web development, security, networking, windows and unix systems.

Experience

2018-07 to Present

Senior Platform Engineer, *Sky Betting & Gaming*.
Sky Betting & Gaming is a British-based gambling company.
- Lead developer in a system mediating interactions between games providers and internal systems allowing hundreds of game plays per second.
- Developed multiple metrics exporters to help increase systems visibility.
- Developed an internal application to help redirect traffic during planned outages.
- Helped reduce time to deploy new services in AWS by writing common reusable infrastructure configurations, while providing teams consultancy.
- Revamp logging, helping reduce time spent on investigations and troubleshoot.
- Improving monitoring infrastructure, helping increase visibility and reduce false alerts.
- Go-to person for chef questions.

2016-03 to 2018-07

Platform Engineer, *Sky Betting & Gaming*.
Sky Betting & Gaming is a British-based gambling company.
- Developed a scalable selenium grid allowing to run hundreds of tests every day.
- Rewritten many chef cookbooks to bring modern code-quality practices and standards.
- Improved code delivery pipelines, helping reducing deployment time and increase stability.
- Working closely with development teams promoting the adoption and use of operations best practices.

2014-11 to 2016-03

Automation Engineer, *Linkedcare*.
Linkedcare was a portuguese startup operating in the e-health subsector.
- Writing and supporting infrastructure code to allow running on public cloud providers such as AWS or DigitalOcean.
- Implementing and maintaining ansible configuration management spanning several environments in the AWS cloud.
- Planning and implementing local development environment supported by docker and coreos.
- Working closely with developers to improve workflow and release of new features.
- Implementing continuous integration with shippable and circleci.

2013-06 to **Systems/Application Administrator**, *Portugal Telecom*.
2014-11 Portugal Telecom is the largest telecommunications service provider in Portugal.
  o Deploying and managing the provision infrastructure for SaaS and IaaS services.
  o Providing 3rd level support for customers and partners in Portugal and Brazil.
  o Developing a software licensing tool for compliance purposes.
  o Windows automation using powershell.

2011-10 to **Systems/Network Administrator**, *ReferTelecom*.
2013-06 ReferTelecom is a rail telecommunications and service provider.
  o Designing, implementing and managing redundant multi-site data center networking.
  o Supporting linux servers life-cycle (including dns and emails servers).
  o Installing and supporting CheckPoint and Cisco ASA/FWSM firewalls.
  o Cisco automation using jinja2 and python.
  o Implementing version control of all switches and routers.
  o Providing wired and wireless networking consulting to several clients.

2010-08 to **IT Security Administrator (Contract)**, *RNSI - Ministry of Home Affairs*.
2011-02 RNSI is a service provider for all ministry of home affairs departments, including all public security forces.
  o Configuring, supporting and troubleshooting checkpoint firewalls, network traffic management appliances and anti-virus systems.
  o Automating bluecoat packetshaper configuration with expect.

2007-05 to **Network/Systems Administrator**, *Department of Computer Science and Engineering*.
2010-05 o Providing server administration for Linux and Windows and end-user support.

Education

Instituto Superior Técnico, *Information System and Computer Engineering coursework*.

Technical Experience

Platforms   aws, linux (centos, debian, ubuntu, coreos), kubernetes, rancher, windows server (2003, 2008), cisco, checkpoint

Services   nginx, kafka, rabbitmq, apache, iis, bind, active directory, redis, haproxy, monit

Tools   chef, jenkins, cloudformation, terraform, packer, vagrant, docker, ansible, travis, circleci, shippable, serverspec, bats

Development   ruby, go, python, clojure, bash, git, powershell, expect

Languages

Portuguese   Mothertongue

English   Full Working Proficiency

Interests

- weightlifting
- photography