

IVAN RISTOV

DevOps Engineer at Australia Post, Melbourne.

Email: iristov95@gmail.com

Mob: +61433679462

SUMMARY

A dedicated and ambitious professional with proven skills in Software Development and DevOps. I have a strong commitment to quality software development, and continuous improvement of software delivery throughout all stages of the lifecycle. Through this I have found my passion in Continuous Delivery, DevOps, and Agile practises. I enjoy being challenged, co-creating solutions, and working on the cutting edge.

I have an honest and open-minded disposition, I love working in teams, and I have a reliable, and dependable personality.

I am looking for an opportunity where my passion for DevOps, my ambition, energy, and my skillset can be used to drive positive change in my team, organisation, and community.

COMPETENCIES

- **DevOps:** Automation, Architecting, Monitoring and Administration, Sharing, Co-Creating, Performance Testing, Security
- **Containers:** Docker, Helm, Kubernetes, KOPS
- **AWS Cloud:** Predominantly Cloudformation, IAM, VPC, EC2
- **OS:** RHEL Linux, Ubuntu
- **Servers:** Nginx, Apache
- **Languages:** Python, JavaScript, Ruby, Java, SQL, PHP
- **Frameworks:** Django, NodeJS AngularJS, Bootstrap, JQuery
- **Tools:** Puppet, Puppet Heira, Ansible, AWS CLI, AWS SDK (boto), Git, Bitbucket, Bamboo

EXPERIENCE

- DevOps Engineer | Software Developer | **Australia Post**
2015 – Current

I have had a long and prosperous journey at Australia Post that would best be broken down chronologically with respect to my role.

Dev Ops Engineer 2017 – Current

During the fall of 2016 I was given the opportunity to move away from Front End Development and begin working in our DevOps team. Happily placing myself at the mercy of new technologies, tools, and processes, I quickly became proficient in these new areas. Once again I was able to make a lasting change both within my team and the organisation by championing:

Co-creation (championing working with teams directly)

- Forming member of the DevOps practice team, and author of first draft of our internal DevOps practice handbook – Development of a DevOps practice strategy which focuses on co-creation and mentoring with software delivery teams, in order to drive business outcomes, and reduce reliance on a dedicated "DevOps" team model.

Metrics

- Introduced automated metric collection and visualisations for the teams build pipelines where the Bamboo CD could not provide, including things such as Mean Time to Fix, Average duration over time, etc.

Self-service

- I am the key custodian of an internal self-service web portal, both Front End (Angular 1.x and Angular 2/4) and Back End (Python Django REST Framework) used by the organisation for the provisioning and management of cloud stacks in AWS onto which their applications are deployed.

Containerisation

- Immutable builds and runtime for our core assets and build pipelines – Over 100 build plans refactored and containerised in best fit, lean Docker images.
- Spiking of technologies such as AWS Fargate as a potential serverless runtime environment for containerised applications and services.

In addition to this, I have had the chance to build, maintain, and deprecate many features in our “Continuous Delivery Pipeline” (CDP). The CDP is the lifeline our production and non-production AWS automation. It is here where I have gained the following experience:

- Extensive experience with automation of provisioning, updating, and deploying multi-tiered, scalable cloud resources, using tools such as Puppet, Ansible, AWS CLI, AWS SDK (boto), and Troposphere.
- Cloud solutions design and Amazon AWS architecture for enterprise.
- Maintaining an Atlassian CI/CD suite.
- Maintenance of a production and non-production Kubernetes cluster including the hosted stateful, and stateless applications using Kops, Helm, and Kubectrl.
- Applying 12 Factor App principles building Microservices in AWS Cloud.

Software Developer 2015 – 2017

After transitioning from an Industry Based Learning intern to a permanent employee, I continued in my role as a Front End Software Developer. In this time, I persistently pushed the boundaries by:

Leading Change

- *Decoupled common components from our Angular 1.x app into standalone node module which could be included as a dependency in any Angular 1.x application through npm, effectively eliminating code duplication. This pattern was later adopted by almost all other teams in the organisation.*

Focusing on the Customer

- *Continuously focusing on usability and accessibility – including dealing auditing and remediating with respect to WCAG AA and AAA compliance.*

Shifting Quality Left

- *Introduced the agile practice of “Kick-offs” and “Desk-checks” to shorten the feedback loop for defects in user-story specifications, or the implemented user story.*

Experimenting

- *Implemented complete cross-browser, cross-device, Functional and Visual Regression testing across all auspost.com.au/mypost applications using Protractor with Jasmine, Browserstack, and Applttools. This work was later adapted and is being used in various capacity across the organisation.*

- Disconnection/Reconnection Technician | **Allied Pickfords**
2013 – 2015
 - Physical relocation (Disconnection and Reconnection) of IT Hardware for a variety of large businesses located within the CBD and elsewhere, incl. NBN co, Fairfax, Vodafone, DPI, Origin energy and others.
 - Supervising and training new workers, consulting with clientele, and making independent decisions.

EDUCATION AND ACCOMPLISHMENTS

Monash University

Bachelor's Degree, Computer Science- 2013/2016

Graduated with a focus on Software Engineering and Systems Engineering

Achievements:

- Industry Based Learning Scholarship semester 1 2015 (Australia Post)
- Research Project Level 2 – Information Visualisation via Parallel Coordinate Axes

ICAgile

ICAgile Certified Professional (ICP) - 2015

REFEREES

- Ji Tran – DevOps Engineering Lead at Australia Post
Mob: +61411767282
- Michael Treacher – Senior DevOps Engineer at Australia Post
Mob: +61456009817