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| **Eduardo A. Paris Penas**  **Professional Experience**  **Infrastructure Architect**  **Natwest Markets** Nov/2018 - Nov/2019  Responsibilities:  Design and implementation of cloud infrastructure and modern practices and tools   * Creation of multiple diagrams to present as part of documentation and laboratories * Pushed through a standard model for firewall rules requests along with a set of predefined standard firewall rules * Created custom modules for: * Google CloudSQL * Google Compute Health Check * Google Load Balancing * Google GKE (IaC + cluster configuration)   Assessment and collaboration on cloud migration projects  Review and analysis of proposed solutions   * Intervened in the selection of config management tool and successfully drove the decision for Ansible Tower against Puppet and Chef * Intervened in the decision of IaC tool for using Terraform Enterprise instead of OSS version given the security requirements * Collaboration with different teams in the organization for decision making processes * Involvement with security team for design and analysis of different tools and cloud products * Challenged proposed designs for processes and infrastructure across the board   Creation of PoCs with different technologies   * Dynamic GCP IAM credentials with integration of GKE, IAM and Hashicorp Vault   **Director Of DevOps**  **ArtOfUs Ireland Limited** Sep/2017 – Oct/2018  Responsibilities:  Develop, implement and support build, configuration, deployment and automation tools, and related documentation   * Implemented mandatory pull-requests and code reviews in github * Implemented static code analysis with SonarQube and BlackDuck * Implemented evrerything-on-containers (docker), from build to deployment and runtime as a strategy for avoiding infrastructure provider lock-in   Manage cloud service providers and budgeting for these   * AWS * BaiduCloud (China) * AliCloud (China)   Coordinate with external and internal development teams for project development   * Aligned three external providers to follow internal development practices for a homogeneous process   Participate and review architectural solutions for the company projects.   * Drove architectural changes to the platform data ingestion mechanism * Drove the adoption of openresty with Kafka integration * Collaborated on the design of a secure software deployment process for remote IoT devices * Collaborated in the integration design for three different products that composed the cloud platform   Design base coding guidelines, standard software repository structure, CI pipelines and framework   * Implemented a standard repository model with CI entry points for pipeline using make and build descriptor files using YAML * Implemented standard pipelines for build, IaC deployment, software deployment, release and post-deployment testing * Implemented a pull-deployment model for container deployment based on a principle of simplicity   Train co-workers on use of DevOps tooling and processes   * Helped colleagues from different backgrounds (developers, electronics, security) to understand and embrace tools like Jenkins, Terraform, Docker and make along others.   **AWS Engineer**  **NewsUK** 2016 – 2017  Responsibilities:   * Develop, implement and support build, configuration, deployment and automation tools, and related documentation * Assist development teams on using in house developed and commonly available tools/software, best-practices, infrastructure and software troubleshooting * Management of Amazon Web Services and Google Cloud Platform based systems and accounts   **Senior Engineer**  **Piksel UK Ltd.** 2015 – 2016  Responsibilities:   * Infrastructure and systems administration and support * Deployment automation solutions and troubleshooting   **Senior Systems Administrator**  **Minds + Machines Ltd.** 2015 – 2015  Responsibilities:   * Infrastructure and systems administration and support * Collaboration with operations and development teams for implementation and troubleshooting   Implementations:   * Deploy, migration (from gmail) and management of Exchange2013 and Postfix highly available platform (AWS hosted) * Optimization and tuning of Nagios monitoring   **Cloud Support Engineer**  **Amazon Data Services Ireland** 2013 – 2015  Amazon Web Services  Responsibilities:   * Customer support and hands-off troubleshooting assistance in a wide variety of services provided by the company * Documentation * Deployment Services * CloudFormation * ElasticBeanstalk * OpsWorks   **Senior UNIX Administrator – IT Infrastructure Consultant**  **Medicus S.A.** 2012 – 2013  Responsibilities:   * Software licenses management * SAN Storage management * Hardware management * Linux/UNIX management * Infrastructure consulting/assessment * General application services management   **Senior UNIX Administrator**  **Accenture S.R.L.** 2011 – 2012  Global Delivery - Arcos Dorados (McDonald’s)  Responsibilities:   * UNIX and Linux servers management and troubleshooting * Software maintenance * Change management and implementation   **UNIX Systems Administrator**  **IBM Argentina S.R.L.** 2010 – 2011  Integrated Technology Delivery - American Express  Responsibilities:   * UNIX and Linux servers configuration on project requirement * Software provisioning on project requirement * Troubleshooting assistance to support team   **IT Administrator**  **Donto S.A.** 2006 – 2010  Responsibilities:   * General IT sub-manager * Development of the IT infrastructure and software base * License management * Service providers support contact * Infrastructure deployment * Service development and deployment   **Certifications**  EX200 – Red Hat Certified System Administrator (**RHCSA**)  EX300 – Red Hat Certified Engineer (**RHCE**)  EX318 – Red Hat Certified Virtualization Administrator (**RHCVA**)  [Certification ID: 130-061-724](https://www.redhat.com/rhtapps/certification/verify/?certId=130-061-724)  **CSA** – Amazon Web Services Certified Solution Architect, Professional  Certification ID: [DLQHWEHCJER1Q2G0](http://aws.amazon.com/verification)  **CSA** – Amazon Web Services Certified Solution Architect, Associate  Certification ID: [CKPFT8FCBNQ4QBGZ](http://aws.amazon.com/verification)  **CSS** – Amazon Web Services Certified Security Specialist  Certification ID: [VCPMWZF2LBQE1CSS](http://aws.amazon.com/verification)  **GCP** – Google Certified Professional Cloud Architect  License: VFdUWd  EX0-117 – **ITIL Foundations V3** (Syllabus 2011)  EXIN Certification ID: 5167187.20322405  **Education & Training**  **Dublin Business School**  Diploma in Human Resource Management (course-only)  **Amazon Data Services / Web Services**  Computing, Load-Balancing and Auto-Scaling (EC2)  Virtual Private Cloud  Relational Database Service  Simple Storage Service (S3)  Identity and Access Management (IAM) Route53 DNS  Elastic Beanstalk  Simple Email Service  Simple Notification Service  Simple Queue Service  Scalable application/infrastructure design  **Universidad Argentina De La Empresa (UADE)**  Software Development Technician (incomplete)  **IBM Internal Training Program**  IBM Q1314 – AIX 5L System Administration  **IT College / Oracle University**  Sun SPARC Enterprise MX000 Server Administration (ES-411)  **Universidad Tecnológica Nacional**  Solaris 9 Advanced Administration  ITIL Foundations V3  **Fundación Proydesa**  Cisco CCNA v3.1  Cisco Fast Track v4  Enterprise Security and Risk (Ethical Hacking and Security) | **Personal Information**  Citizenship  *Spanish/Argentinian*  **Languages**  Spanish  *Native*  English  *Speak fluently, read and write with high proficiency*  **Applied technologies/skills**  Amazon Web Services (AWS)  CloudInit  AWS CloudFormation  AWS Elastic Beanstalk  AWS Lambda  Google Cloud Platform  GCloud Deployment Manager  Terraform  Deployment Automation  Git  GitHub  GitLab  Jenkins  Atlassian Bamboo  AnthillPro  Docker  Docker-Compose  Nomad  Kubernetes  Packer  MS Windows 2012R2 Server  MS Exchange 2013  FreeBSD UNIX  Debian GNU/Linux  Red Hat Enterprise Linux  SuSe Linux  VMWare ESX Server  VMWare Virtual Center  PHP  HTML  Shell scripting  Python  Ruby  Puppet  Chef  Ansible  Vault  RabbitMQ  Apache Kafka  Sun Solaris 8  Sun Solaris 9  Sun Solaris 10  IBM AIX 5.3  IBM AIX 6.1  HP-UX 10.22  HP-UX 11.31  MS Windows NT4 Server  MS Windows 2000 Server  MS Windows 2003 Server  MS Windows 2012 Server  Veritas Volume Manager  Logical Volume Manager  Veritas Cluster Server  Sun Cluster  HP ServiceGuard  Red Hat Cluster  Heartbeat/Linux-HA  NGINX  Apache HTTP Server  LigHTTPD Web Server  MySQL Server  MS SQL Server 2000  LDAP Directory Server  Sun Directory Server  MS Active Directory  MS ISA Server 2006  Postfix Mail Server  Squid Web Cache  Consul  Prometheus  Grafana  Nagios  HP OpenView  Cisco Catalyst Switching  Cisco IOS Switching  Cisco IOS Routing  Cisco IOS Security  Cisco PIX OS  Cisco ASA OS  Cisco ASA Firewall  Cisco VPN Networking  Cisco VLAN / VMPS  Cisco IP Telephony  Asterisk IP Telephony  Copper networking  Fiber-optics networking  Wireless networking  Wireless Security  BMC Remedy  ITIL process management  Kerberos V5  NFS v3/v4  NIS  Samba  CUPS  HP EVA SAN Storage  HP Blade Servers  Recovery Automation |