

ROCELITO ABANO

Senior Site Reliability Engineer

Dedicated IT professional well-versed in Developing Software and Scripts for Automation using Go and Python for more than 14 years. Currently working as, a DevOps / Cloud Engineer specialized in OpenShift / Kubernetes Cluster Administration, Docker, Jenkins Pipeline, AWS, and VMware. Adept in creating Ansible playbooks and Terraform source files for automation. Troubleshoot and supports Production Systems in the Telecommunications, Marketing Services and Banking/Finance sectors. Highly effective at maintaining and administering Linux Systems for running critical applications. Developed tools to automate the Operations team's repetitive tasks.



CONTACT INFORMATION

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Date of birth

Aug 5, 1984

Nationality

Filipino

Link

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SKILLS

- OpenShift / Kubernetes
- Ansible
- Go
- Python Software Development
- Troubleshooting/Post Mortem Analysis
- BASH Shell Scripting
- Geneos ITRS
- Prometheus
- Git / Bitbucket
- Terraform
- Docker
- Agile Methodology / Practices
- Jenkins, Shared Libraries (Groovy)
- AWS
- Linux System Administration (RHEL 7.4, 7.6, 8 both Fat and Atomic)

EXPERIENCE

Kuala Lumpur, Malaysia
Dec 2021 - Present

Site Reliability Engineer Level II

MoneyLion Sdn Bhd

- Administer AWS roles / access / resources to application teams through Terraform
- Provide self-service deployments to EKS through CodeFresh and ArgoCD
- Develop codefresh pipelines to migrate legacy applications to EKS.
- Continuously refactor Terraform code for optimization, clarity, and easy reading.
- Aid application teams in gaining capacity (management) insights to their application through Grafana+Prometheus and NewRelic
- Created Terraform modules to simplify and make the code more robust
- Continuously looking for ways to optimize our cloud cost through regular implementation of capacity management and FinOps practices
- Administer EKS cluster (both staging and production environments)
- Continuously improve Packer scripts to optimize AMI builds (and software upgrades)
- Provide advisory and support services to application teams particularly on infrastructure and Kubernetes

Kuala Lumpur
Sep 2018 - Dec 2021

Site Reliability Engineer - Cloud Infra

Standard Chartered GBS Sdn Bhd

- Administer OpenShift / Kubernetes Clusters (both Prod and Non-Prod)
- Developed Jenkins Shared Libraries (in Groovy) to automate RBAC Management for OpenShift Clusters and Atomic OS installation to new Virtual Machines
- Engineered in-house solutions in Go, such as AlertManager Webhook to integrate Prometheus->BMC TSOM Prometheus Rules Reconciliator ensures that Prometheus rules are in line with the Bank Standards. Both deployed as an Operator and through Helm Charts.
- Maintain CMDB for the OpenShift / Kubernetes Clusters (both Prod and Non-Prod)
- Created Ansible playbooks to automate our manual tasks

- Created Terraform scripts to automate AWS resources provisioning and decommissioning
- Setup Monitoring and integrated Alert Manager to Mattermost (Chat App)
- Setup Jenkins Pipeline files and Shared Libraries
- Administer and Maintain over 900 Atomic RHEL 7.4 and 7.6 servers
- Perform Research and Development and functionality testing on Open Source Tools and projects
- Practice Agile Methodologies and Ceremonies to increase our teams productivity

Kuala Lumpur, Malaysia
Dec 2016 - Sep 2018

Support Specialist

Standard Chartered Bank GBS Sdn Bhd

Experience includes Python Software Development and Scripting, AWS, Geneos ITRS, Confluence, JIRA

- Developed the backend code, all in Python (running AWS EC2 jump node instance as staging server for logs and Lambda) for our ELK Stack (ElasticSearch-Logstash-Kibana) which includes Log parsing, upload to ElasticSearch, and auto creation of Kibana Dashboards (for Stats and Prediction), designed to help the analysis team gain insights on the internals of the application, and what are causing the delays.
- Created Scripts to support customized plugins and porting it to Geneos ITRS (monitoring tool), such as DB Queries, BMCs Control-M job status checker, Application Health Email Sender, ActiveMQ Queue Depth Checker, and Log Analyzer.
- Created numerous Dashboards to support Operation teams monitoring requirement.
- Key player in the Production Go Live of Standard Chartered Banks newest online trading product, a multimillion-dollar project aimed at replacing the old interface and providing new features; built full stack monitoring which led to the Operations teams fast and proactive application support.
- Managed the preparations for the DR Drill that led to the on-time submissions of test scripts as well as smooth and successful completion.

Cyberjaya, Malaysia
Dec 2014 - Nov 2016

Application Support Engineer

Experian Marketing Services Sdn Bhd

Experience includes: Bugzilla, ServiceNow, Git, PowerMTA, Conversen (Marketing Services Platform)

- Resolved over a thousand tickets within the first four (4) months in the company.
- Provided 2nd level troubleshooting of applications and servers which not only lessened the escalation tickets routed to our team, but also the recovery time of incidents.
- Documented past resolution steps (SOPs) that guided not only the current team members but also the newcomers in picking up Systems and Application code base.
- Consulted on critical and technical aspects of the application by a team from Australia site, not only to reduce knowledge gap, but also to establish camaraderie between Front-liners and Backend support teams.

Makati City, Philippines
Jan 2012 - Nov 2014

- Received two (2) Spot Awards in recognition of Outstanding Work and Contributions for two (2) consecutive years.

Linux Systems Administrator

Smart Communications, Inc.

Experience includes: Python, Django, Unicorn, CIMD2, NetWorker Backup, Applications Manager, Asset Explorer, Oracle Glassfish, Oracle VM Admin

- Developed a Web-Based SMS tool (using Python, Django, CIMD2, HTML, CSS and JavaScript) used by Operations and HR teams for advisories, that saved the company from buying third party software.
- Built a Centralized Monitoring System (using Python and Paramiko) covering over a thousand applications running on over 400 servers which not only greatly improved the response and recovery times from incidents, and provided data evidences that led to bug fixes and capacity upgrades, but also saved the company from buying another monitoring software.
- Reduced vendor license cost by developing a Centralized Server Config Backup facility using Python and Expect and fed to NetWorker Backup.
- Developed the Automated Services Migration Tool (using Python-Paramiko + Linux Shell) that migrated 1056 applications to a new Database Cluster in just 30 minutes (which includes, stop/start of Java Processes and changing of config to new schema)
- Developed a Centralized User Access Management Tool (using Python-Paramiko + Linux Shell) to maintain and manage Linux OS Users of over 60 hardened / secured servers.
- Promoted to Senior Systems Administrator after a year.

Quezon City, Philippines
Jul 2006 - Dec 2011

Data Center Engineer


Smart Communications, Inc.

Experience includes EMC NetWorker backup, CIMD2, Telecom Core GSM

- Pioneered and Developed the automation of our system and applications monitoring (using Python) that sends Email alerts and data stats generation (CSV format) which increased the operations teams productivity and efficiency, which led to receiving the Tower Award for Outstanding Performance.
- Developed Automated Excel Reports Generator that (for audit purposes) that Increased productivity and efficiency of the Operations Team (which is done every 3 hours, and takes 2 hours to complete)
- Achieved stable systems performance by implementing systematic capacity planning and incoming volume management in preparation for peak traffic season.
- Monitored and maintained over 400 servers / applications in a fast-paced 24/7 Data Center environment, while ensuring the required SLAs are met.
- Promoted to Senior Engineer

EDUCATION

Manila, Philippines
Jun 2001 - Apr 2006

 **Bachelor of Science in Computer Engineering**
Technological Institute of the Philippines
Most Outstanding Graduating Student (Department of
Computer Engineering)

CERTIFICATIONS & COURSES

ITIL Foundation Certificate in IT Service Management, 2018

Certificate Number: GR750413307RA

<https://www.peoplecert.org/for-corporations/certificate-verification-service>

Certified Kubernetes Administrator, 2020

Certificate ID Number LF-30h7mrut97

<https://www.youracclaim.com/badges/e120736a-7d72-40ae-8ca5-eb64a3c1b8ee>

Microsoft Certified: Azure Fundamentals

Microsoft Certification ID: 991750201

https://www.credly.com/badges/91406d11-4603-495d-9482-b2abb6847cf8?source=linked_in_profile

Microsoft Certified: DevOps Engineer Expert

Credential ID: 991750201

https://www.credly.com/badges/7e471ac9-89a9-46fb-8b99-7eae693123f?source=linked_in_profile

Microsoft Certified: Azure Administrator Associate

Credential ID: 991750201

<https://www.credly.com/badges/25ca95f2-a383-4942-af4a-99779d44d5f3>

HONORS & AWARDS

Spot Award, 2016, For outstanding work and contributions

Spot Award, 2015, For outstanding work and contributions

Unselfie Award, 2013, For unwavering dedication to job

High Availability Award, 2013, For being an epitome of reliability, dedication and passion for work
