

# Jain S. Ramchurn

CLOUD ENGINEER · DEVOPS ENGINEER

*Triolet, Mauritius*

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## Summary

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As a Cloud Engineer at RAPP, I specialize in Azure and Terraform. Prior to this, I gained over three years of experience at OceanDBA Ltd, where I started as a Linux Sysadmin and progressed to a DevOps Engineer, focusing on infrastructure automation, configuration management, server provisioning, and scripting.

With a deep interest in open-source technology and Linux, I am a dedicated user of Neovim and the command line interface, and have contributed as a co-maintainer of several Linux mirrors. I am committed to continuous learning and staying up-to-date with the latest industry trends and technologies, and possess the skills to solve complex challenges and achieve results.

## Experience

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### RAPP

CLOUD ENGINEER

*Phoenix*

*Oct. 2022 - Present*

- Deployed Azure Cloud monitoring resources via Terraform.
- Developed Logic App for receiving HTTP requests, querying Log Analytics Workspace, and sending emails.
- Authored technical documentation.
- Provided technical assistance to clients.

### OceanDBA Ltd

DEVOPS AUTOMATION ENGINEER

*Quatre Bornes*

*Jun. 2020 - Oct. 2022*

- Deployed and provisioned infrastructure on Proxmox Virtual Environment hypervisor utilizing Infrastructure as Code tools like Packer and Terraform and Configuration management tool Ansible.
- Built CI pipelines on Gitlab-CE to launch Ansible playbooks using Docker containers.
- Automated configuration and administration of MariaDB Database and Replication with Ansible roles.
- Used Git and Gitlab-CE to maintain and track projects, and Ansible plays.
- Managed Hetzner and OVH cloud platforms.
- Produced technical documentation.
- Provided customer support services.
- Wrote small program utilities in Golang to automate terraform configurations, and launch build-system environment.
- Mentored newcomers and interns.

LINUX SYSTEM ADMINISTRATOR

*Jun. 2019 - Jun. 2020*

- Setup and configured Icinga to monitor servers, and developed custom plugins.
- Administrated and configured MariaDB Databases.
- Troubleshoot and performed root-cause analysis of systems problems.
- Managed firewall and implemented network policies.
- Setup and maintained APT repositories, and built and maintained Debian Packages.
- Designed Grafana Dashboard for Redmine ticket overview.
- Drafted technical documentation.
- Operations and on-call duties.
- Provided customer support services.
- Bash and python scripting.

### DSOgroup Indian Ocean Ltd (iQera)

TRAINEE SOFTWARE ENGINEER

*Port Louis*

*Jul. 2018 - Aug. 2018*

- Implemented Selenium for automated testing.

### Pointe aux Piments Hotels Ltd (Recif Attitude)

TRAINEE WAITER

*Pointe aux Piments*

*Dec. 2015 - Feb. 2016*

- Assisted with greeting and seating guests, taking orders, serving food and beverages, clearing tables, handling payments, maintaining cleanliness, learning about the menu, and observing experienced waitstaff.

## Skills

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<b>Cloud</b>	Azure, AWS
<b>Container</b>	Buildah, Podman, Skopeo
<b>DevOps</b>	Ansible, Git, Gitlab-CI/CD, Packer, Terraform
<b>Operating System</b>	Arch Linux, Debian GNU/Linux, OpenSUSE, Red Hat Linux
<b>Programming</b>	Go, Nix
<b>Scripting</b>	Bash, Powershell, Python
<b>Virtualization</b>	KVM, Proxmox, QEMU

## Education

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### UOM(University of Mauritius)

BSC (HONS) ELECTRONICS WITH COMPUTER SCIENCE ENGINEERING

*Reduit, Mauritius*

*Aug. 2016 - Nov. 2021*

### Piton State College

HIGHER SCHOOL CERTIFICATE

*Piton, Mauritius*

*2009 - 2015*

## Extracurricular Activity

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### Linux Mirrors

CONTRIBUTOR

*Mauritius*

*Mar. 2023 - PRESENT*

- Maintains mirrors of Debian GNU/Linux, Arch Linux, and Arch-derivatives.
- Wrote documentations and scripts.

## Talks

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### MSCC Monthly Meetup

LUNARVIM: AN IDE LAYER FOR NEOVIM WITH SANE DEFAULTS

*Novity Mauritius*

*Mar. 2023*

- Explained how Lunarvim can enhance the editing experience for programmers with its pre-configured plugins, settings, and keybindings.
- Provided details on the installation process of Lunarvim, highlighting how easy it is to set up and configure the IDE layer
- Discussed the configuration options available, allowing for further customization of the IDE layer according to the needs of individual programmers.
- Demonstrate features that improve the programming experience, such as the automatic formatting of code, code navigation, and built-in language servers.