

# Yongun Seong 성용운

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## Skills

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- **Programming Languages:** Go, Python, Bash, C
- **DevOps:** Kubernetes, Docker, Terraform, Helm, Argo CD, Istio, Prometheus, Grafana
- **Public Cloud:** AWS, GCP

## Experience

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**Ozys** — *DevOps Contractor* 2023.01-2023.02

- Built a shared Jenkins CI/CD pipeline for Docker builds, Helm charts, and frontend projects.
- Implemented a GitOps approach for in-cluster configuration and secret management using Argo CD, using External Secrets to safely store and manage secrets for Kubernetes workloads.
- Deployed and configured a Prometheus, Grafana, and Loki monitoring stack using Argo CD and Helm to monitor in-cluster resources.
- Prepared a framework for automatically deploying a configuration for monitoring blockchain nodes running outside the cluster, including alerting rules and dashboards.

**Mathpresso** — *DevOps Engineer, DevOps Tech. Lead* 2019.12-2022.11

- Led multiple migration efforts, first from AWS Elastic Beanstalk to Amazon EKS, and later a cross-cloud migration from AWS to GCP.
- Built a shared Helm chart for deploying application services using Argo CD, integrating Argo Rollouts and Istio for reliable deployments.
- Provisioned, configured, and operated Kubernetes clusters on Amazon EKS and GKE using Terraform and Argo CD.
- Provisioned an observability platform for applications running on Kubernetes using Istio, VictoriaMetrics, and Grafana.
- Implemented CI/CD practices for the Terraform IaC code using Atlantis, automatically provisioning resources across both AWS and GCP.

## Other Activities

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**Bacchus** — *SNU Administrator Group* - 📧 @bacchus-snu 2018-present

- Served as group head between 2018-2019 and 2022-2023.
- Operated bare-metal servers, virtual machines, and public cloud resources to run key department services.

**Nixpkgs Maintainer** — 📧 @NixOS/nixpkgs 2023-present

## Education

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**Seoul National University** — *Majoring in Computer Science & Engineering* 2017-present

**American School of Guatemala** 2014-2017

## Languages

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- **English:** Fluent
- **Spanish:** DELE C1
- **Korean:** Fluent
- **Japanese:** JLPT N2