Yongun Seong 성용운

@nevivurn • www.nevi.dev
nevivurn@nevi.dev

Skills

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

Experience

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

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

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

American School of Guatemala   2014-2017

Languages

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