

# CASE STUDY

## Self-Service Portal for Infrastructure Provisioning



### OVERVIEW

Neutrino collaborated with a large enterprise to develop a self-service portal for infrastructure provisioning, enabling faster and more efficient resource allocation for development teams.



### CHALLENGES

- 1** The client's development teams faced delays and dependencies on IT operations for provisioning infrastructure resources.
- 2** Manual request processes and lack of visibility led to inefficiencies and hindered agile development practices.

### SOLUTIONS

Neutrino designed and implemented a self-service portal that allowed development teams to request and provision infrastructure resources on-demand. The portal integrated with the client's infrastructure management tools, automating the provisioning process and providing real-time status updates.



## Tech-Stack/Solutions Implemented

- ✓ Custom self-service portal developed by Neutrino.
- ✓ Integration with the client's infrastructure management tools.
- ✓ Terraform, Java, Angular, Docker, Ansible, shell script.
- ✓ User authentication and access controls for security.

## RESULTS

- ✓ Accelerated development cycles by reducing infrastructure provisioning time from weeks to minutes.
- ✓ Empowered development teams with self-service capabilities, increasing their productivity and agility.
- ✓ Improved resource utilization and cost efficiency by enabling automated resource allocation based on demand.

## TESTIMONIAL

“ Neutrino's self-service portal for infrastructure provisioning has revolutionized our development processes. Our teams can now quickly provision resources as needed, allowing for faster and more efficient development cycles. ”

## BENEFITS

**90%** Reduced infrastructure provisioning Time.

**40%** 40% of developers push their productivity through self-service resource .

**30%** Cost savings through improved Resource utilization.

## REMARKS

The implementation of a self-service portal for infrastructure provisioning has transformed the client's development practices, enabling faster resource allocation, improved productivity, and cost savings.



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