# MONITORING

# What is Monitoring ?

Monitoring provides feedback from production and delivers information about an application's performance and usage patterns. When performance or other issues arise, relevant data about the issues are sent back to development teams through automated monitoring.

# What is continuous monitoring?

Continuous monitoring is the process of regularly and vigilantly checking systems, networks, and data for signs of performance degradation.

Monitoring is super important. It is that part of your system that lets you know what's going on in your app.

# **PROMETHEUS, GRAFANA, NODE EXPORTER**

- Prometheus collects rich metrics and provides a powerful querying language

- Grafana transforms metrics into meaningful visualizations

- Node Exporter is a tool that collects host metrics and exposes them in a format that can be used by other systems.

# DEFAULT PORTS:

**Prometheus         : 9090**

**Node Exporter  : 9100**

**Grafana              : 3000**