Mastering the Chaos: A DevOps Engineer's Journey to Cost-Effective Cloud Monitoring and Logging

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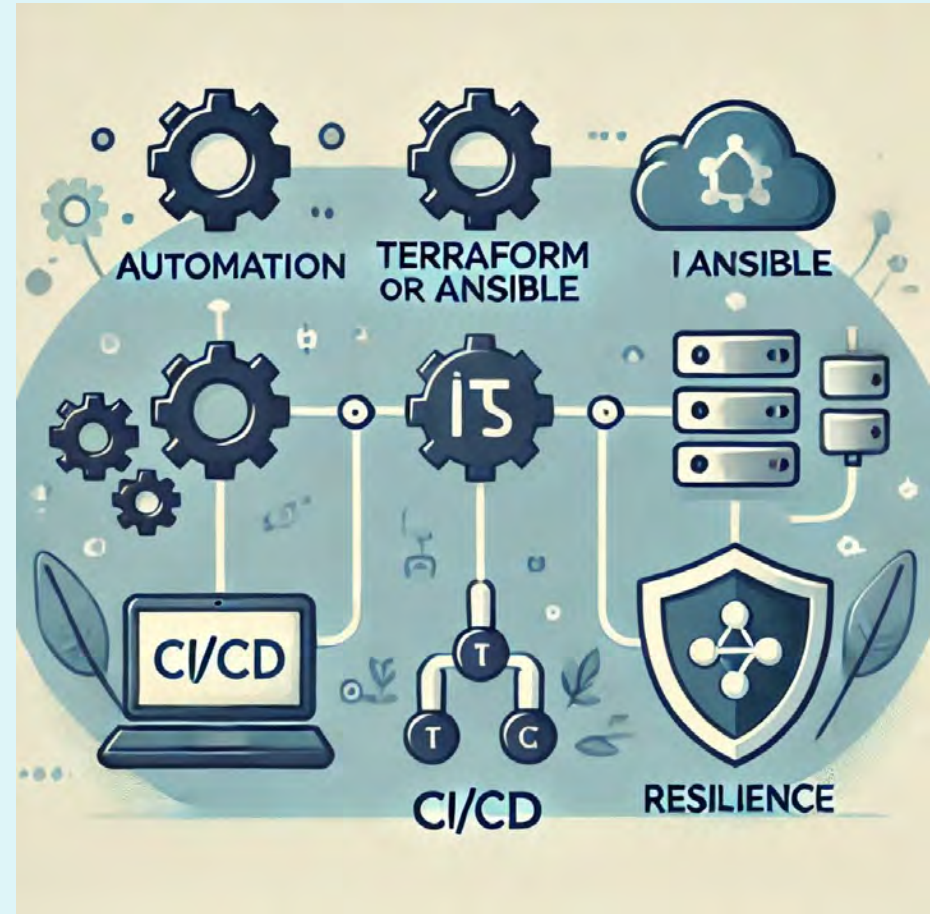*DevOps Engineer @ RADAR*

Agenda

- Introduction

- Deploying cost effective monitoring and logging

- Automation:

- SLA/SLO/SLI Monitoring Dashboards

- Incidents

- Toil, Time constraints and challenges

Choosing the right open source software and infrastructure is critical especially when you have budget constraints!!

- Software: Got all the required features?

- Hardware: Is the machine size right?

Automation

- Terraform or Ansible
- CI/CD
- Resilience

SLA/SLO/SLI/Dashboards

SLA: The agreement you make with your clients or users

SLO: The objectives your team must hit to meet that agreement

SLI: The metric that measures how well a service performs.

- Where should you begin?
- Saturation is the important SLI

Incidents

Incidents could happen due to two reasons:

* Self Inflicted: Toil (repetitive, manual work that could be automated), Miss setting up an alerts

* Natural Incidents: Blamelessness is very important to the success of a team or organization.

Toil, Time Constraints and Challenges

* Set clear expectations to manage stress

* Tracking and Documentation are crucial

Questions?

Thank You!!

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