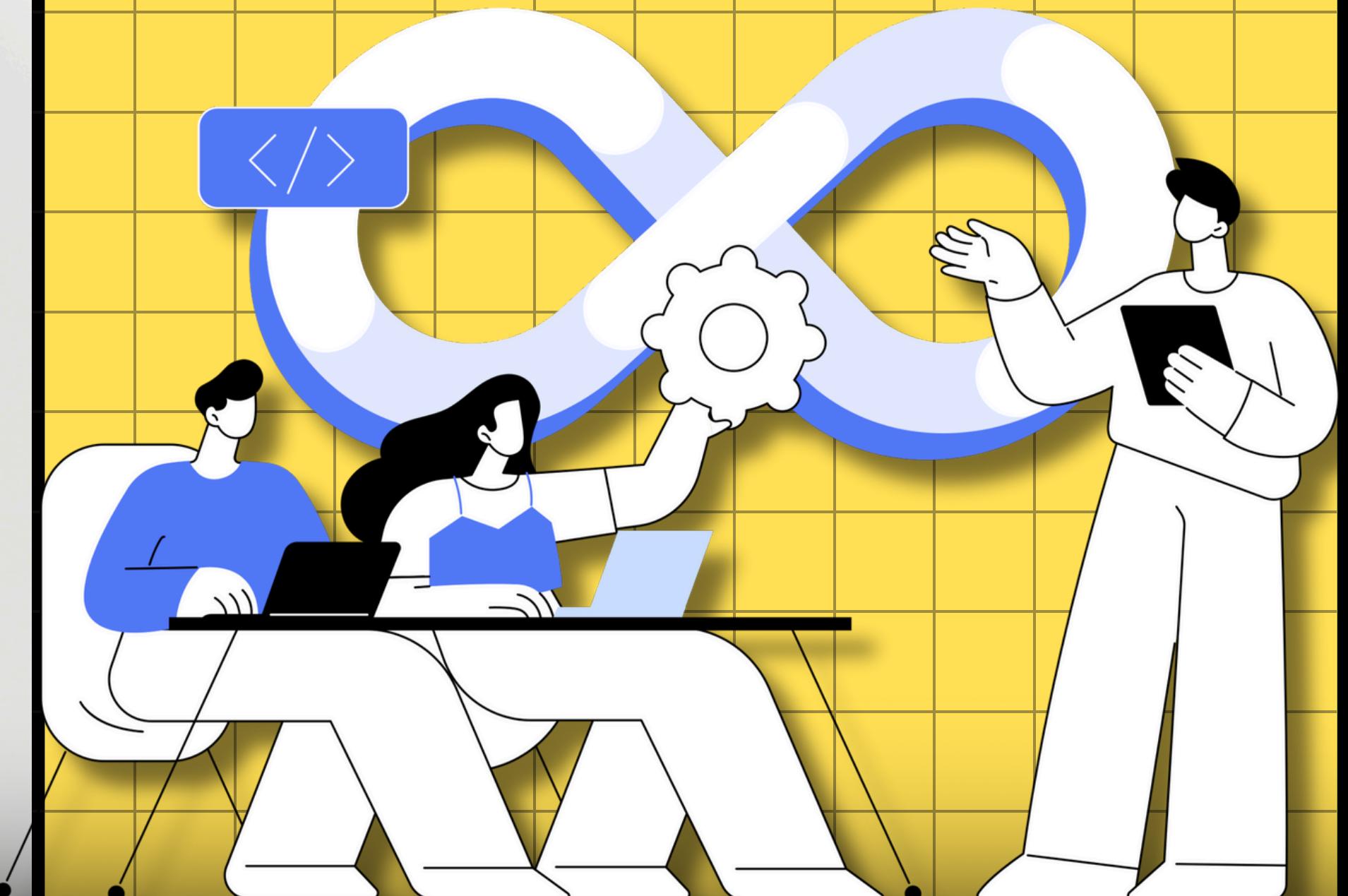


Omkar Srivastava

→
SWIPE



TOP 15

DEVOPS TOOLS USED BY DEVELOPERS !

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1. JENKINS

Jenkins is an open-source automation server that helps automate the CI/CD pipeline by building, testing, and deploying code automatically.

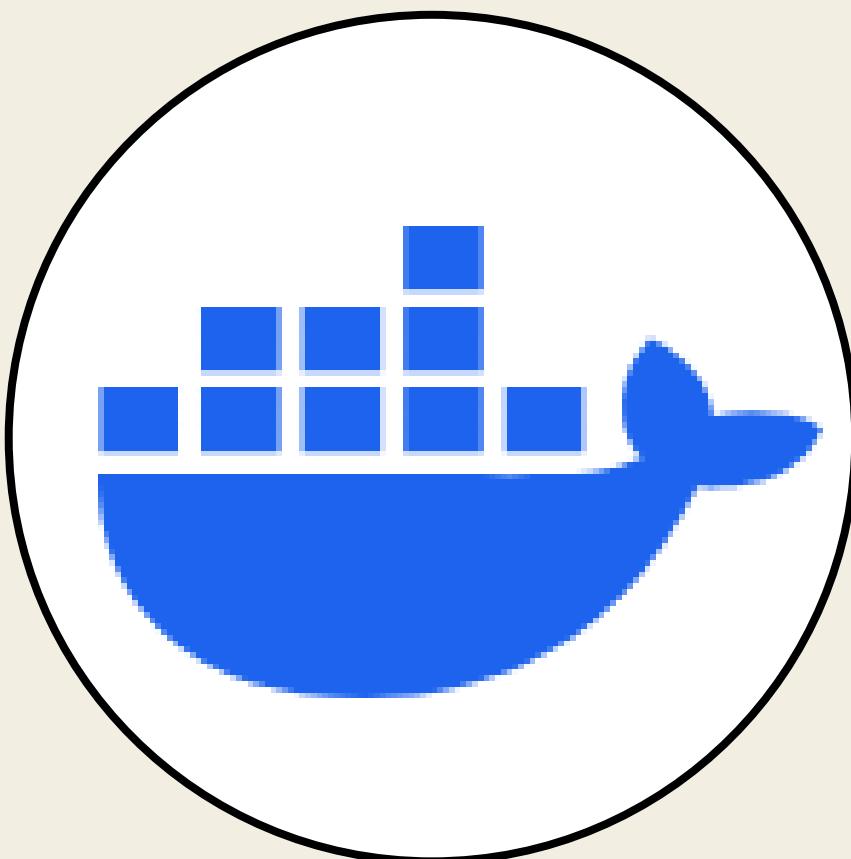


ANALOGY

Like a factory assembly line where every step from production to packaging is automated for efficiency.

2. DOCKER

Docker is a containerization platform that allows developers to package applications and their dependencies into portable containers.



ANALOGY

Like packing all your luggage in one suitcase, ensuring everything you need for the trip is in one place.

3. KUBERNETES

Kubernetes is an orchestration tool for managing and deploying containers at scale, ensuring automated distribution and scaling of applications.



ANALOGY

Like a traffic controller, guiding cars (containers) on different lanes, ensuring smooth traffic flow without bottlenecks.

4. GIT

Git is a distributed version control system that allows developers to track changes, collaborate, and manage codebases efficiently.



ANALOGY

Like a time machine, Git lets you revert to previous versions of your code if something goes wrong.

5. ANSIBLE

Ansible is an open-source tool used for automating software provisioning, configuration management, and application deployment.

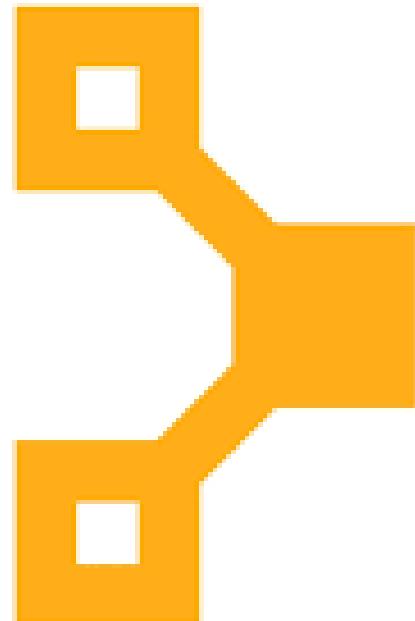


ANALOGY

Like a remote control that lets you turn on multiple devices in your home from a single place, without manually touching each one.

6. PUPPET

Puppet is a configuration management tool that automates the setup and management of servers and environments.

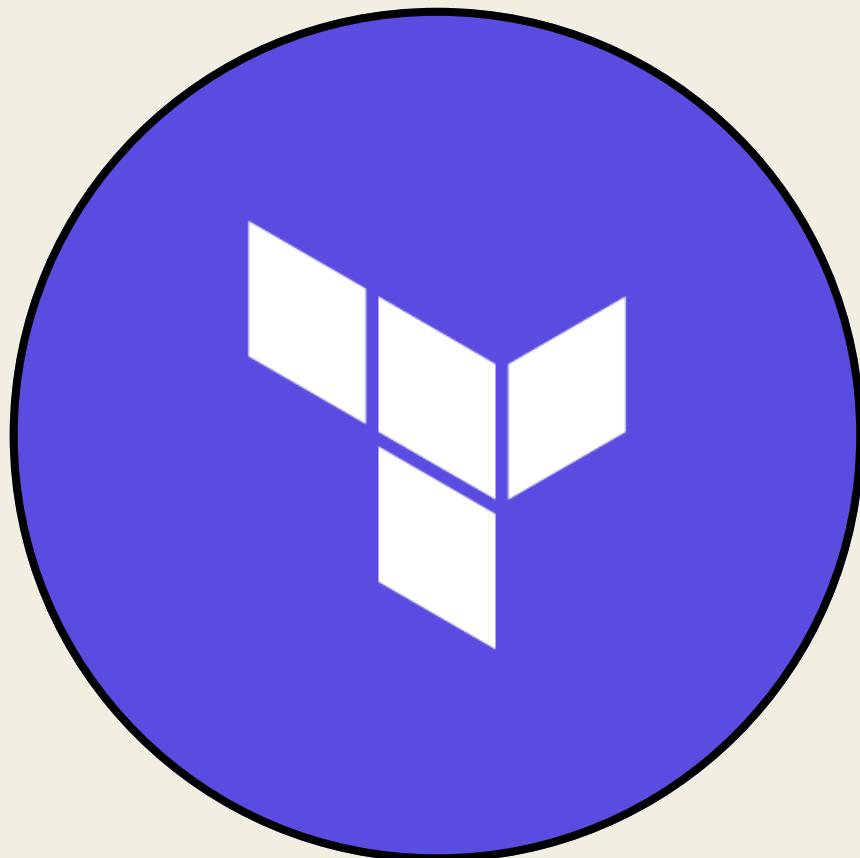


ANALOGY

Like a puppet master controlling multiple puppets with strings, Puppet ensures everything works in harmony according to a predefined script.

7. TERRAFORM

Terraform is an Infrastructure as Code (IaC) tool that allows developers to define and provision infrastructure using code.



ANALOGY

Like designing a building blueprint that automatically constructs itself when the plans are ready.

8. NAGIOS

Nagios is a monitoring tool used for identifying and resolving network and infrastructure issues by providing real-time performance data.



ANALOGY

Like a security camera that constantly monitors your house and alerts you the moment something is wrong.

9. PROMETHEUS

Prometheus is an open-source monitoring and alerting toolkit, used to monitor systems and provide metrics in real-time.



ANALOGY

Like a health monitor that constantly tracks your heart rate and sends alerts when something goes out of range.

10. CHEF

Chef is a configuration management tool that automates infrastructure setup, ensuring consistency across environments.



ANALOGY

Like a chef who prepares the same dish with exact measurements every time, ensuring the meal tastes the same regardless of where it's cooked.

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11. SPLUNK

Splunk is a tool that collects and analyzes machine-generated data, providing insights into system performance and security issues.



ANALOGY

Like a detective combing through clues to solve a mystery, Splunk finds patterns in data to identify issues.

12. ELK STACK

The ELK Stack is a set of tools used for searching, analyzing, and visualizing log data in real-time.



ANALOGY

Like a magnifying glass that helps you examine tiny details and piece together the bigger picture.

13. CIRCLECI

CircleCI is a continuous integration and continuous delivery tool that automates the process of testing and deploying code.



ANALOGY

Like a factory machine that assembles products from parts, CircleCI builds your software automatically with each code change.

14. BITBUCKET PIPELINES

Bitbucket Pipelines is a CI/CD tool built into Bitbucket, allowing developers to automate builds, tests, and deployments directly within their repositories.



ANALOGY

Like a production line within a warehouse that handles all steps from packaging to shipping under one roof.

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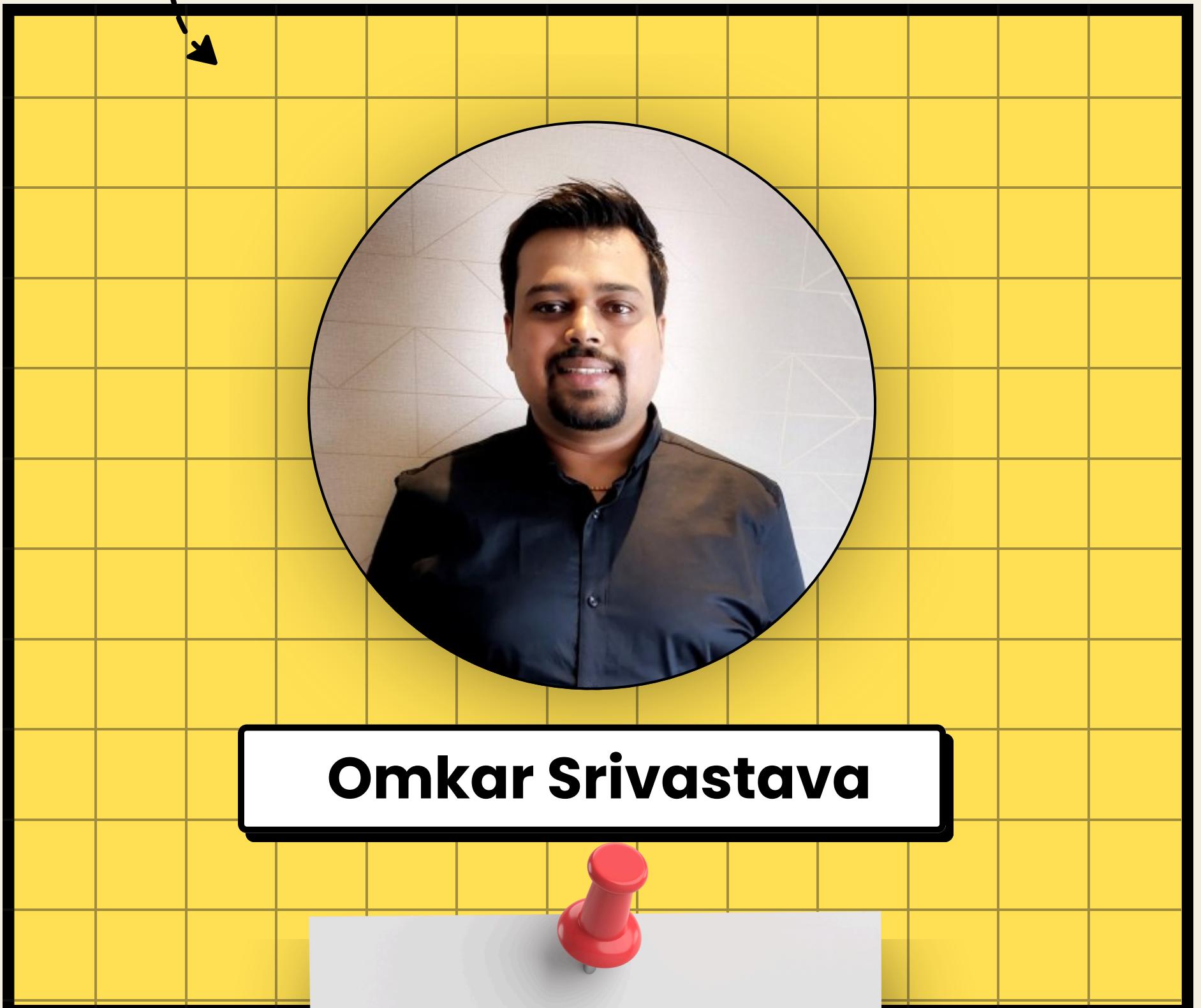
15. NEW RELIC

New Relic is an observability platform that helps monitor application performance, providing real-time insights to optimize system health.



ANALOGY

Like a doctor's diagnostic tool that constantly checks your vitals and suggests remedies to keep you healthy.



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