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Problem

Configuring and managing deployments of modern applications is hard and time consuming.

- A lot of documentation and pitfalls
- Complex YAML configuration files (k8s, ansible e.t.c.)
- Efficiently allocating and managing resources (CPU, memory, storage) across multiple instances of app



Our Goal

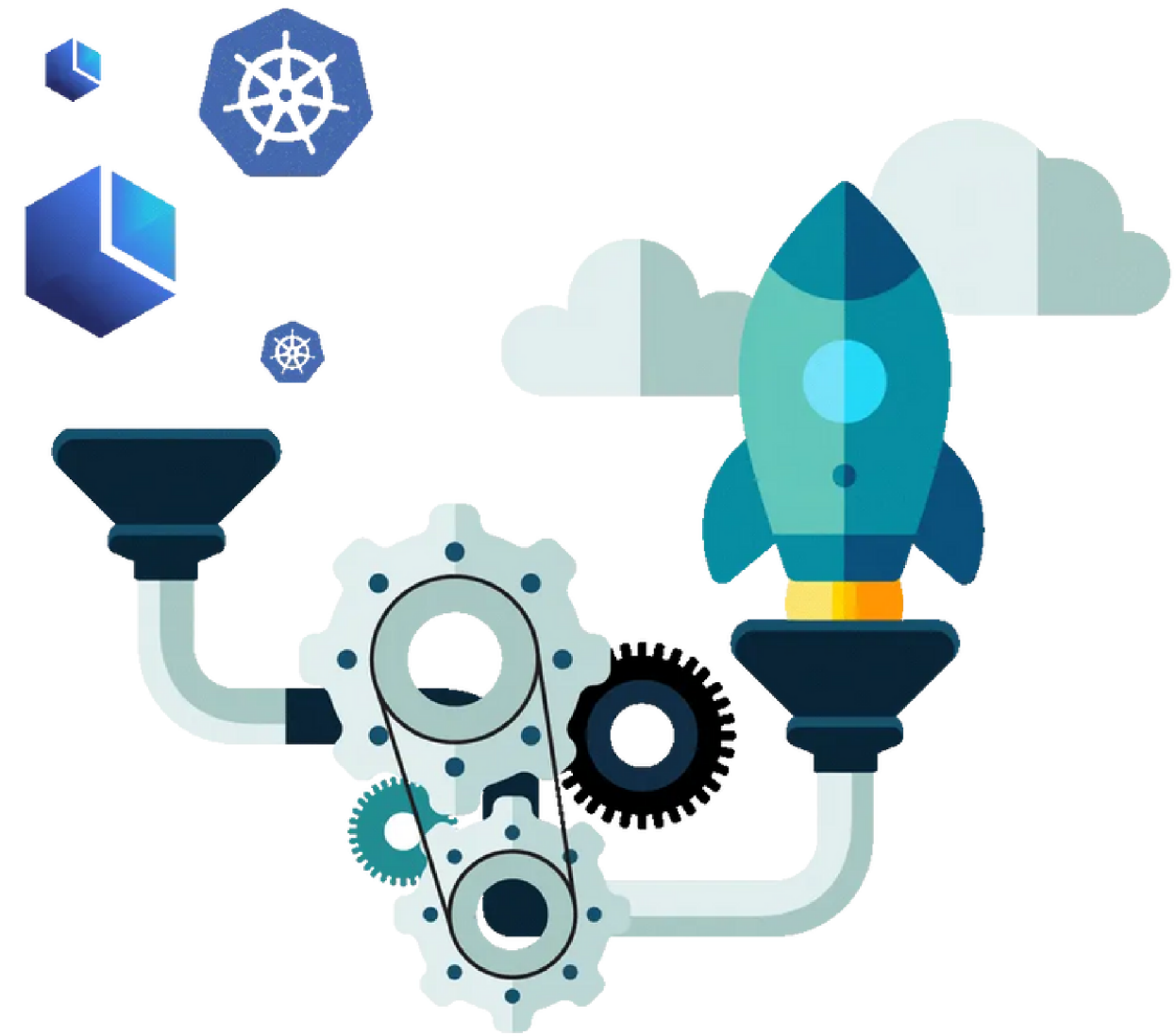


Simplify deployment of applications with the use of modern orchestration platforms.

So developers can **focus on building applications** without the complexity of managing infrastructure.

Solution - serverless web hosting

- **Easy deployment**
- **Autoscaling**
- **Comprehensive Monitoring**
- **Reliable performance**





**Market
Validation**

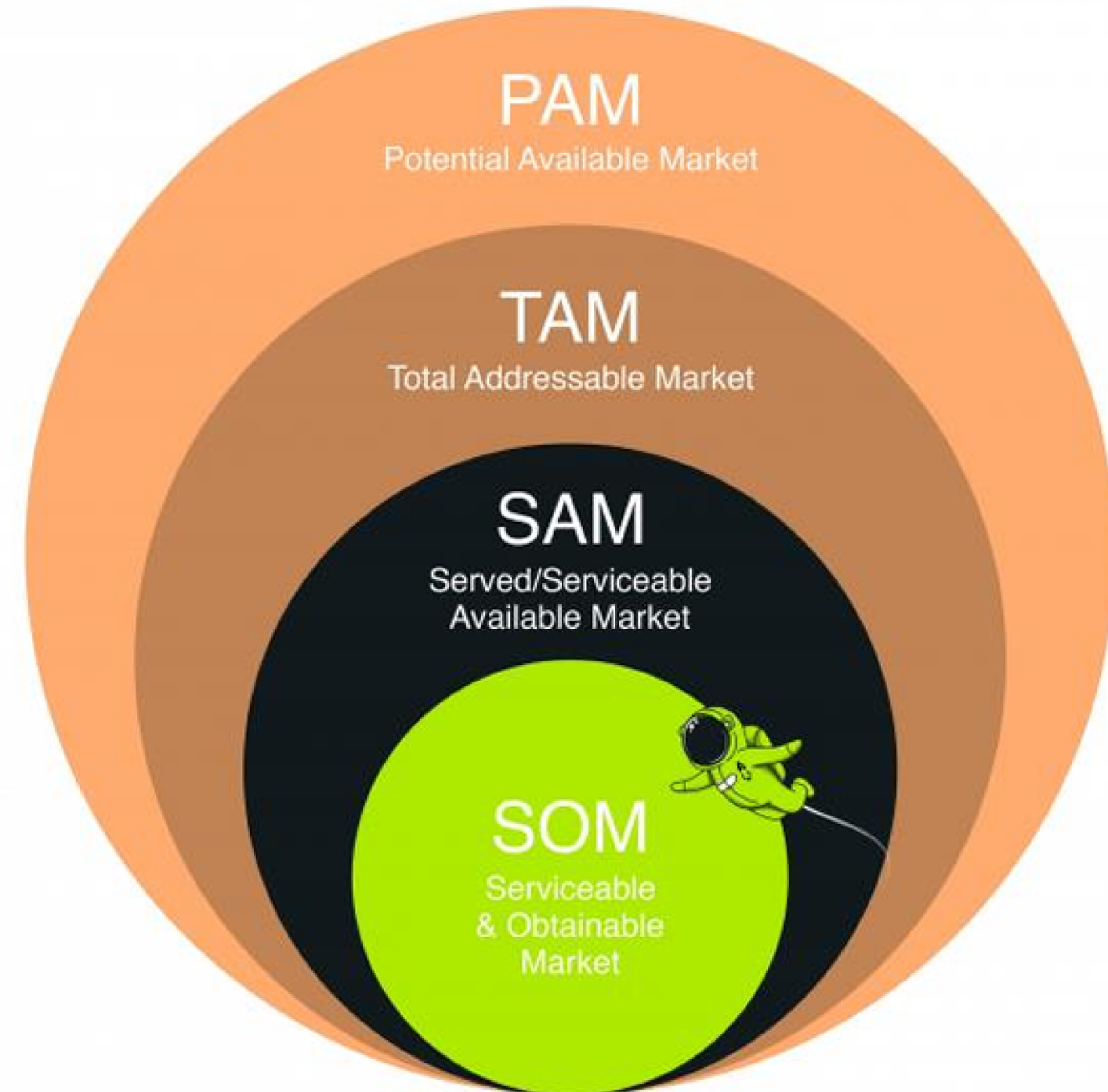
Target Audience

- **Backend Developers**
- **Full stack developers**
- **DevOps engineer**



Market size

- **PAM - 26.9 million.**
- **TAM - 16.14 million developers**
- **SAM - 1.05 million developers**
- **SOM - 0.21 million**



Profit expectations

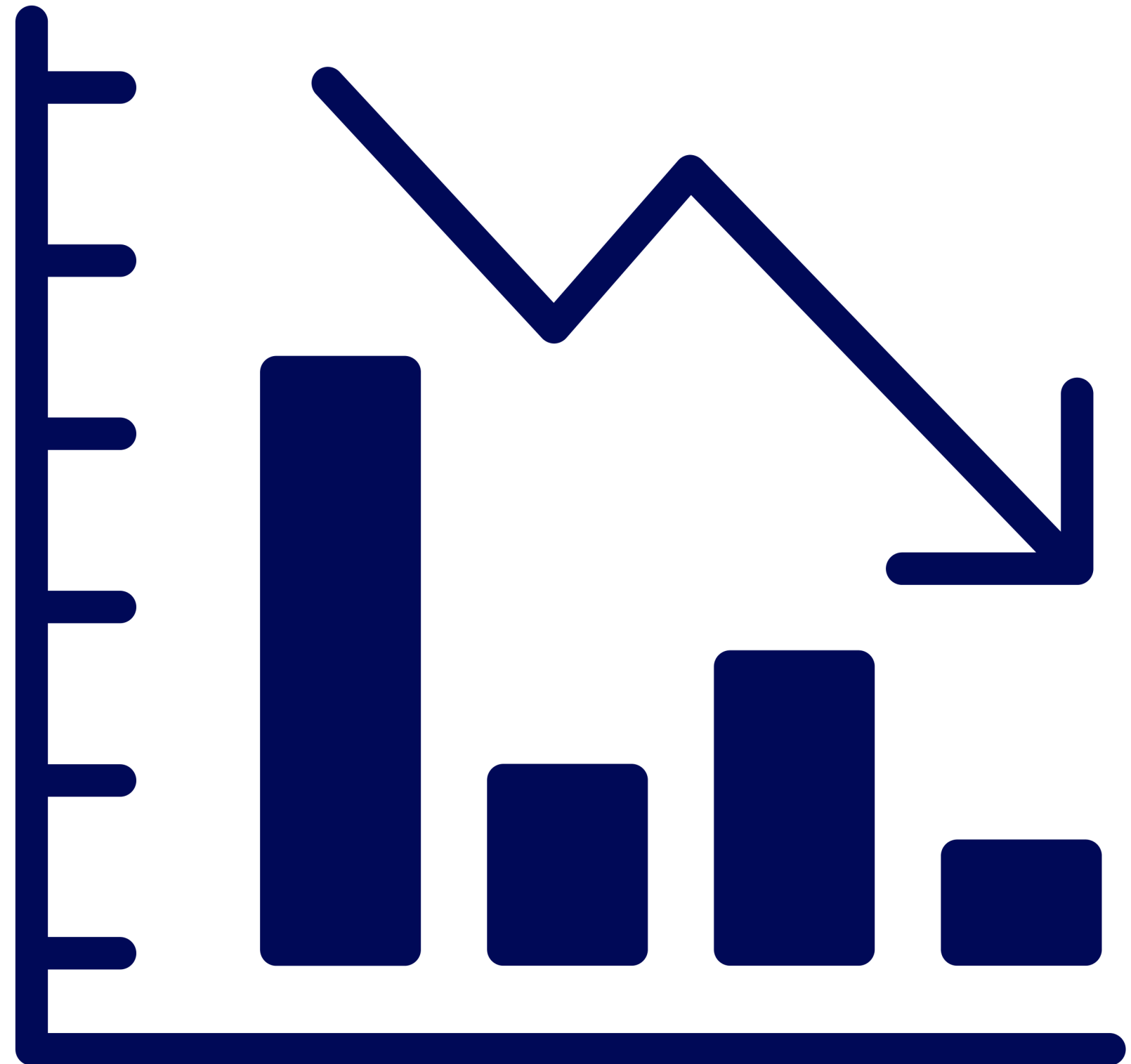
The cost will vary depending on the resources the user requires. The minimum cost per month will be 5\$. The optimal tariff to the user will cost 20\$



0.21 million * 5\$ = 1.05 million \$

Reality

- Advertisement
- Registration bonus
- Referral bonus



Technical infrastructure

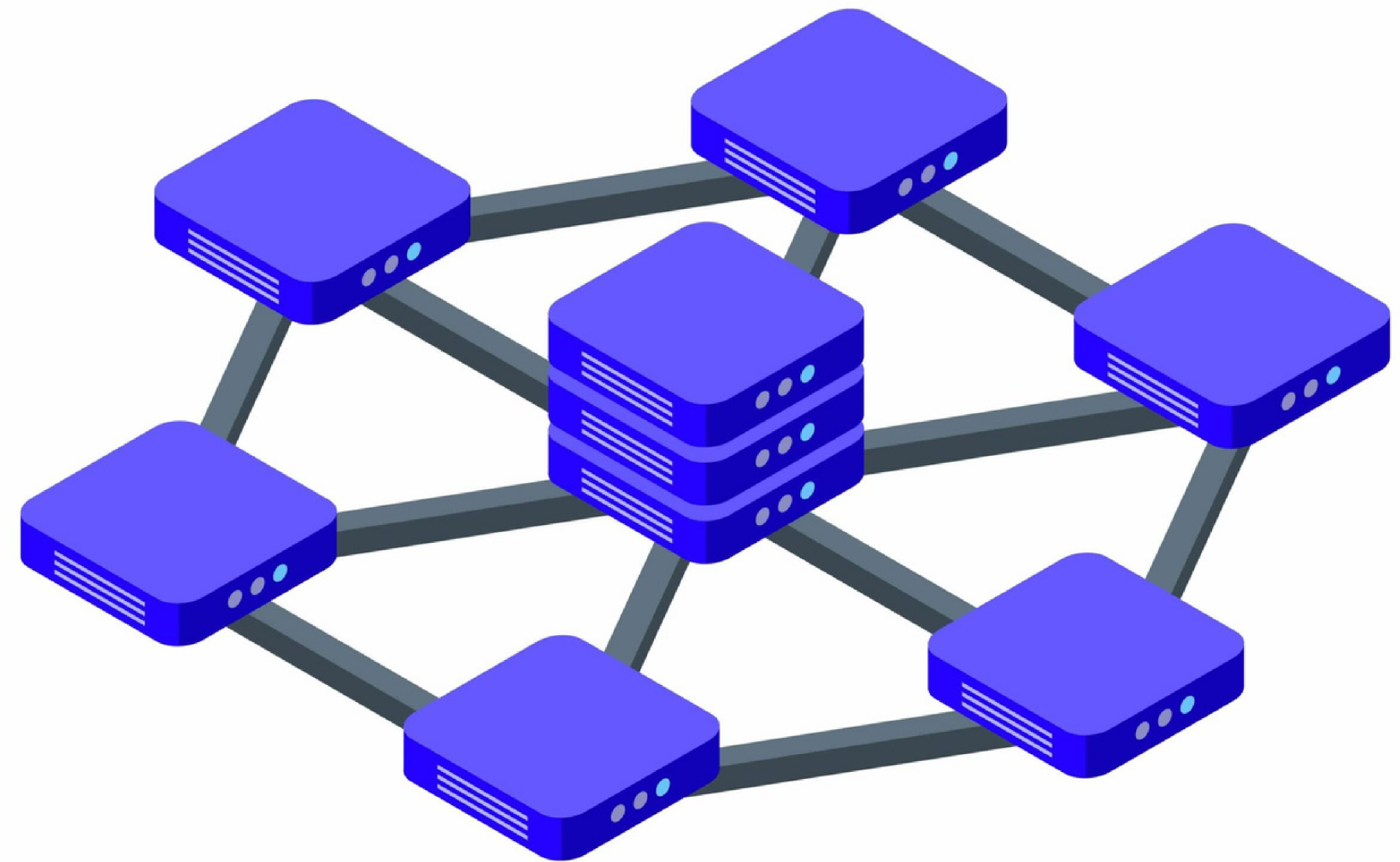
Core components

- **Frontend webserver**
- **On premise K8S cluster**
- **Identity and access manager**
- **Manifest's constructor**
- **Cluster management system**
- **Metrics and alerting system**
- **Visualisation platform**
- **Database and cache**



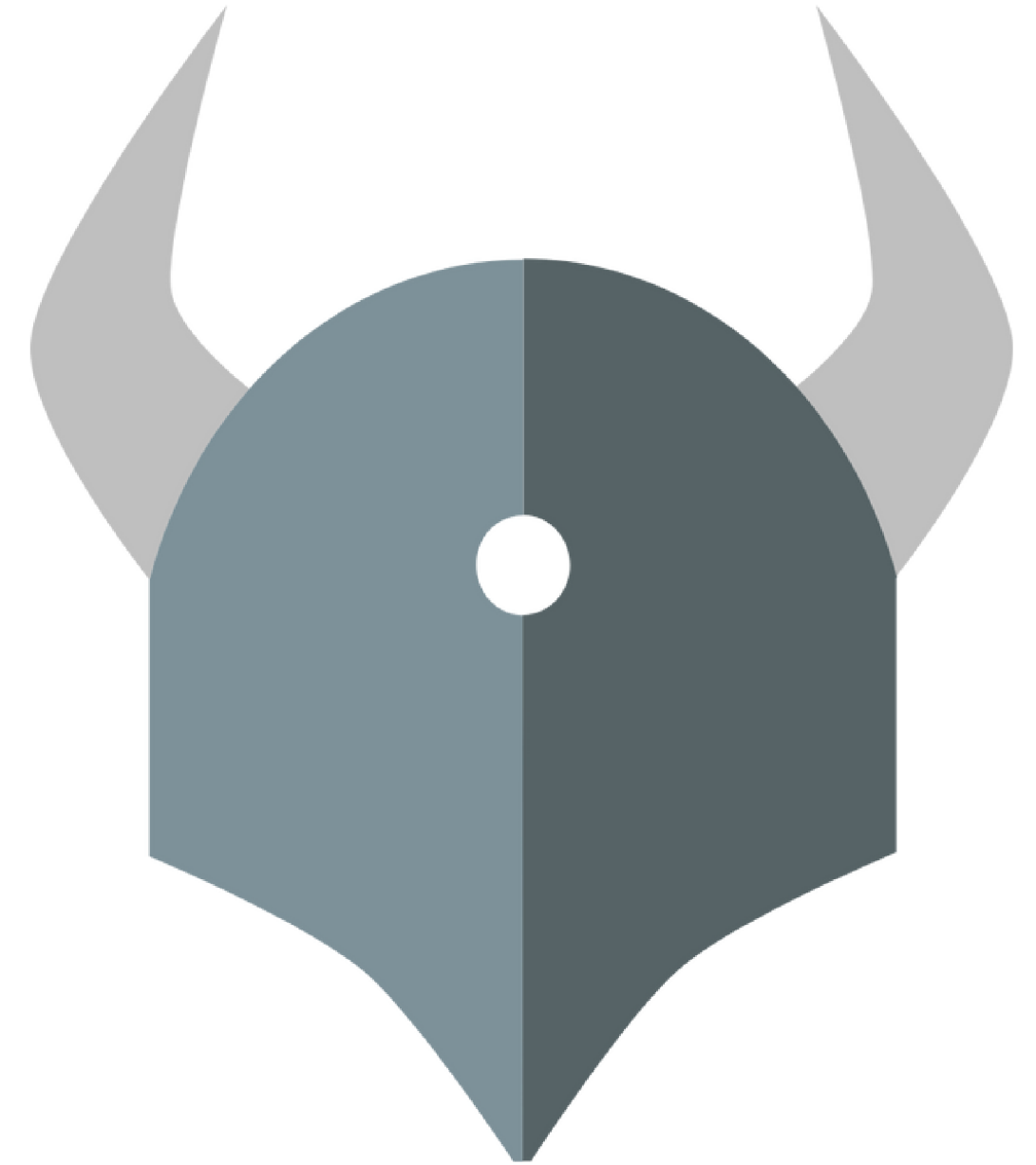
Kubernetes cluster

- **Dominant platform for orchestrating and managing software containers and microservices**
- **More than 5.6 million developers use Kubernetes**
- **Opensource and supported by CNCF**



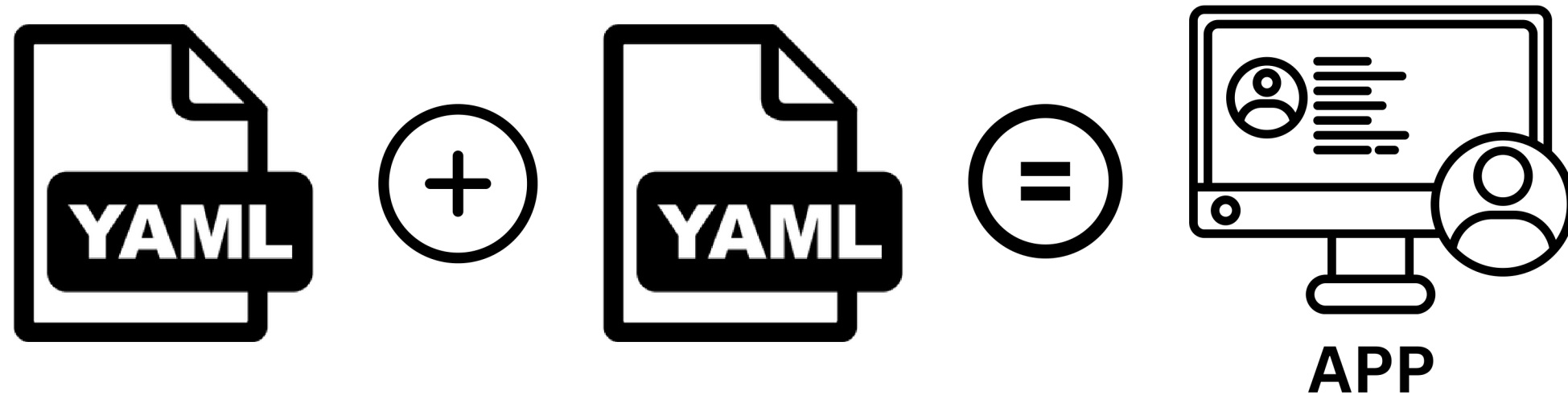
IAM service

- **Inspired by Open Policy Agent**
- **Role-based access control**
- **Ensures user's data security**



Manifests constructor

- Gets user request and compose several configuration file for k8s deployment
- Ensures versioning and flexibility



Cluster management system

- **Core component**
- **Gateway for k8s cluster**
- **Operates namespaces**
- **Schedules application deployment**
- **Gather metrics and logs**

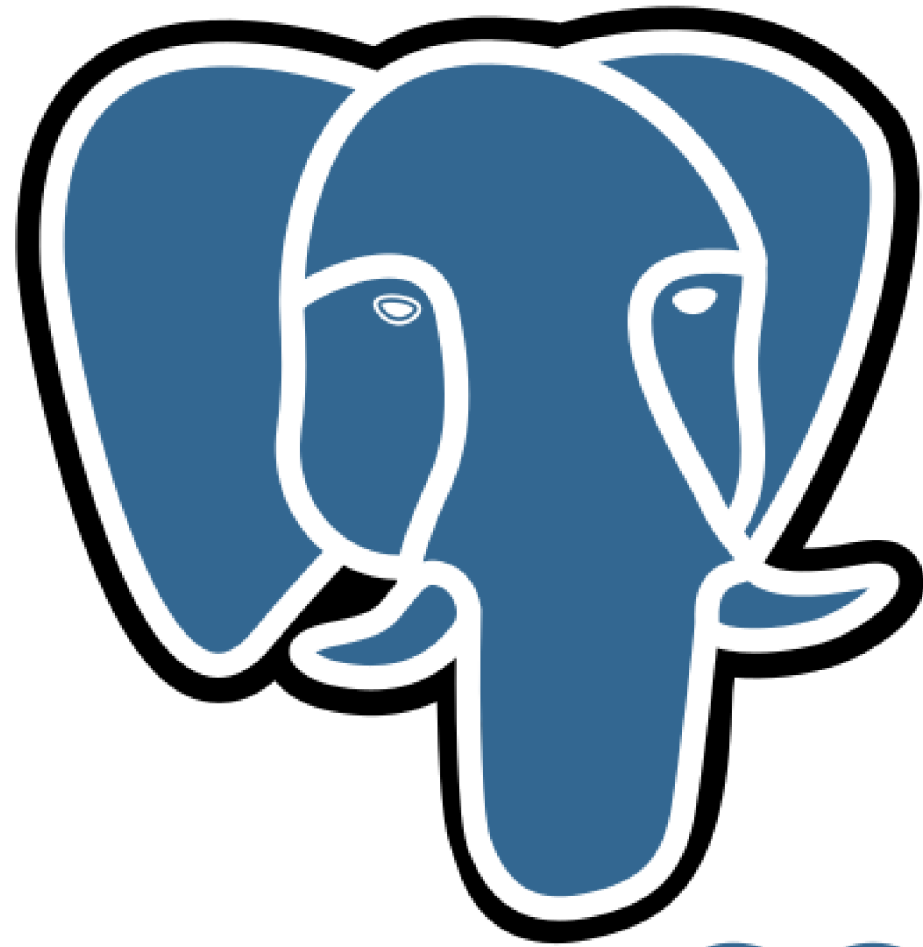


Monitoring system

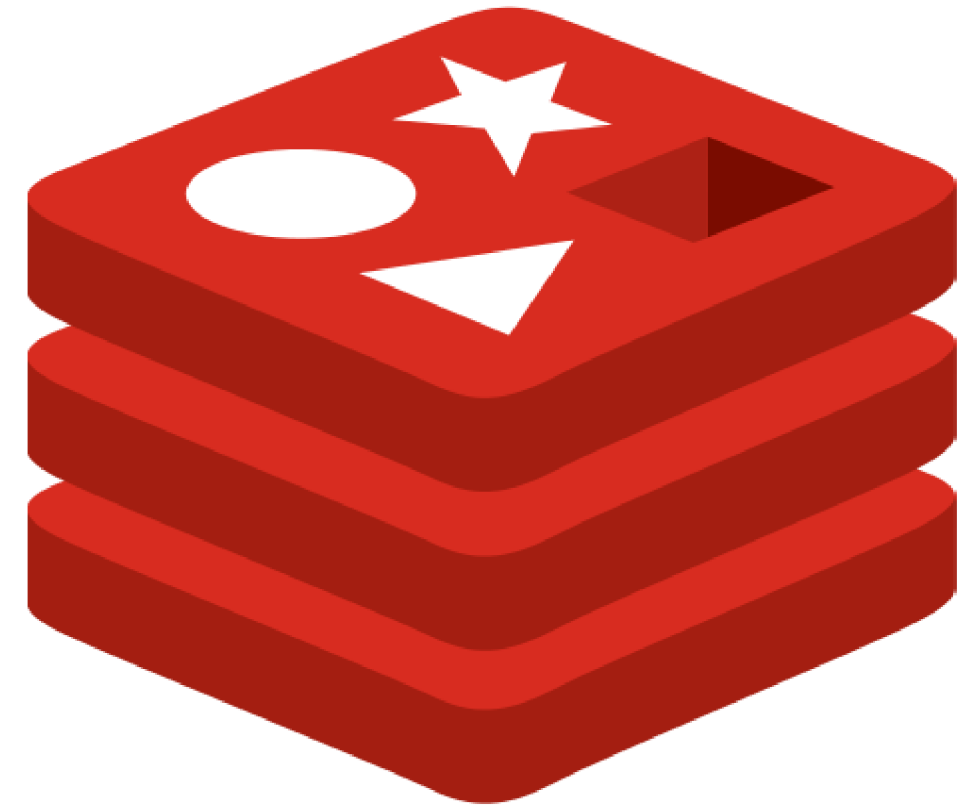
- **Scraping metrics from exposed targets**
- **Building graphics and dashboards**
- **Watches for metrics and sends alerts in case of emergency**



Database and caches

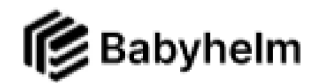


PostgreSQL

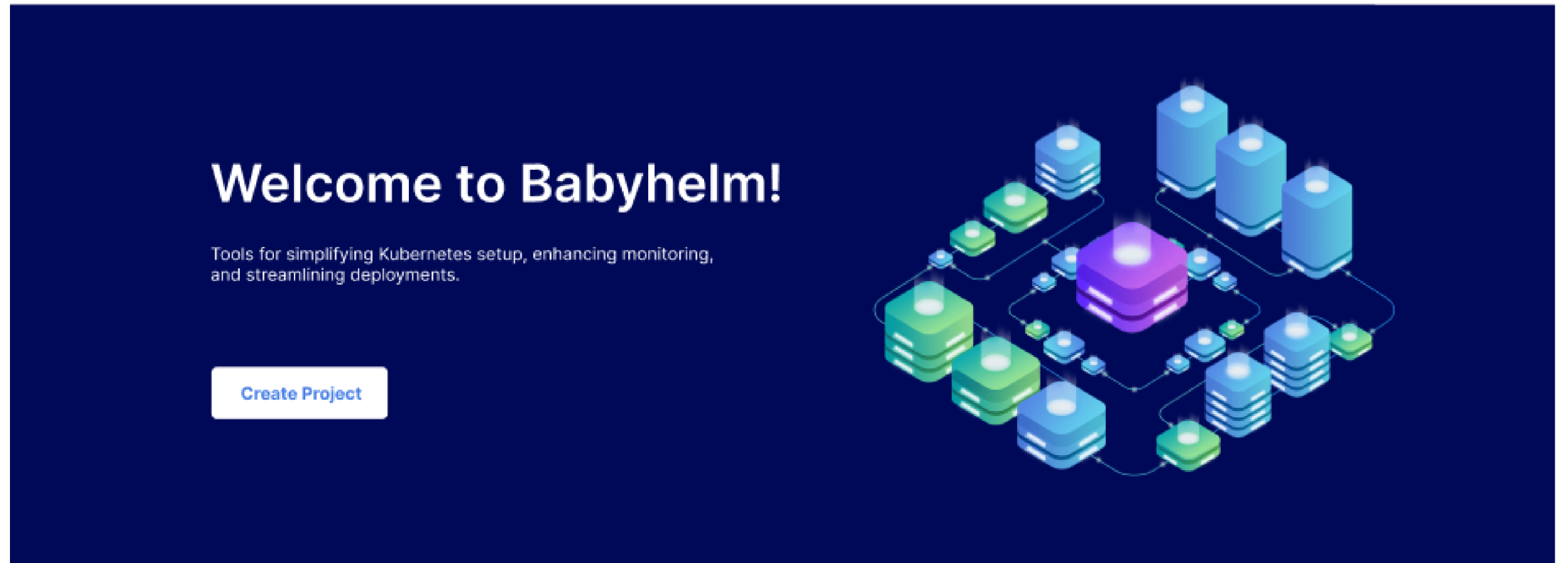


Frontend

- **User-friendly interface**
- **Multi-page website using React**



[My projects](#)



Create Applications



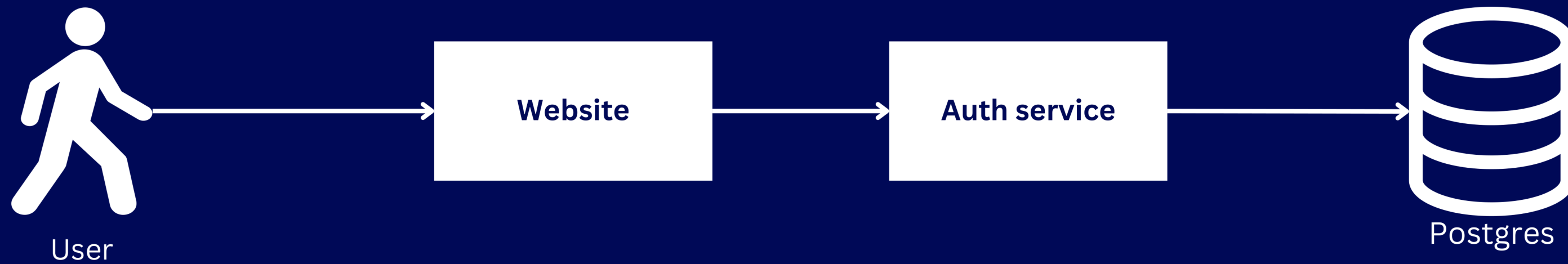
Easily create your application by providing your Docker image. Our platform handles the cluster configuration and deployment for you.

Collaborate



Add team members to your project and assign roles to streamline collaboration and manage your application's development efficiently.

Authentication scenario



Project application creation scenario

