morous retre Development Experience

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What is Development Experince?

 DevX refers to the overall experience that developers have while working with a particular set of tools, technologies, frameworks, or platforms.

Current Cloud Native DevX



Current Cloud Native DevX

- microservices code
- databases
- cloud services
- devops tools like terraform, helm, etc



What can we do to improve it?

The solution to the problem lies in the problem itself — Some Philosopher

Why Kubernetes for Dev Platforms?

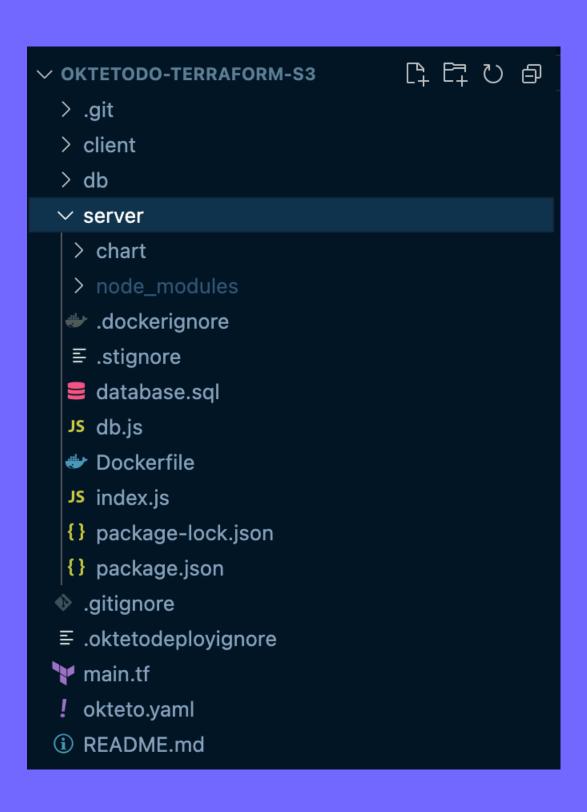
- Containerized Environment
- Consistency Across Environments
- Service Discovery
- Scalability and Resource Efficiency
- Ecosystem and Extensibility

Okteto CLI

- github.com/okteto/okteto
- Platform Engineers: Define dev environments which will run on K8s
- Developers: One click deploy and develop applications directly in the cluster (okteto up)

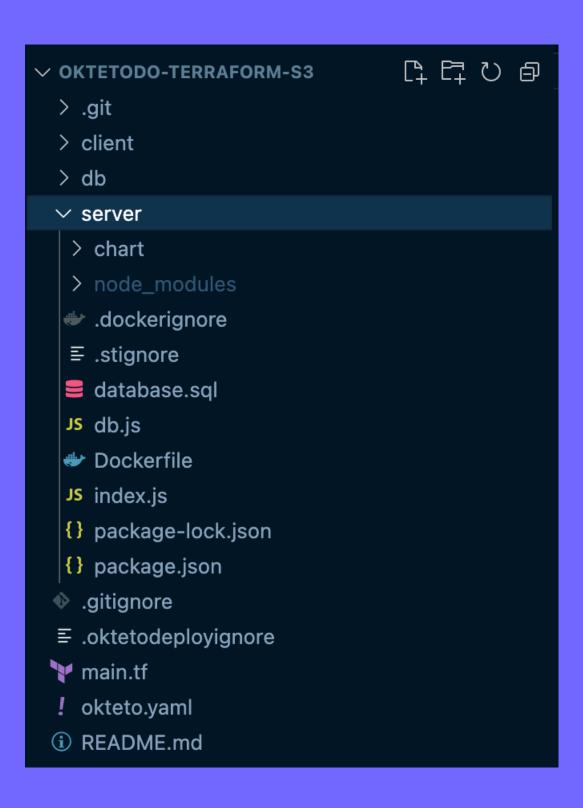
Try it out!





Build Section

```
build:
    server:
        context: server
    client:
        context: client
```



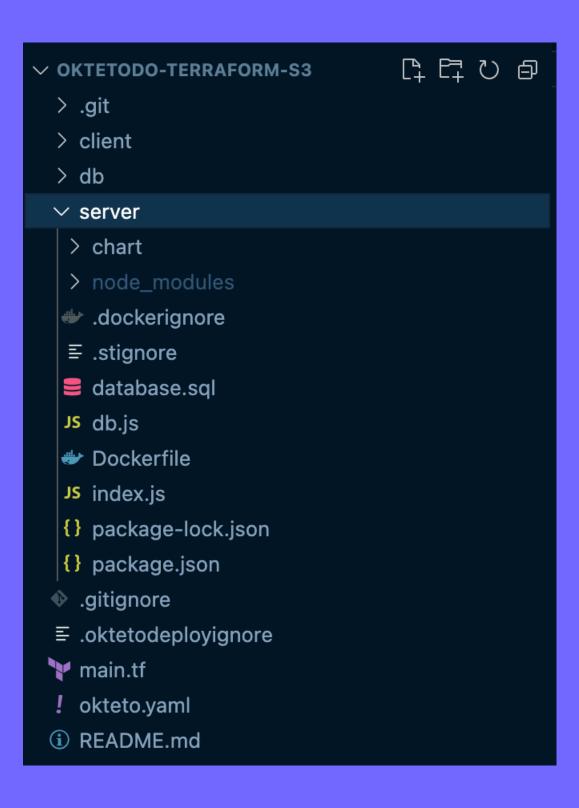
Deploy Section

```
deploy:
   image: hashicorp/terraform:1.4

commands:
   - name: Create the AWS S3 Bucket
   command: |
        terraform init -input=false
        terraform apply -input=false -auto-approve

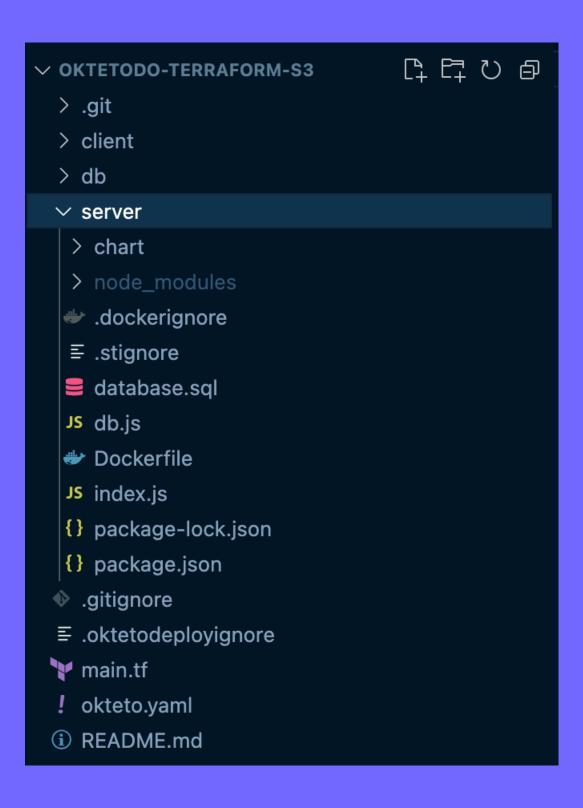
- name: Create the AWS secret
   command: |
        kubectl apply -f aws-secret.yaml
```

@RinkiyaKeDad



Deploy Section

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Develop Section

Try Okteto for free at: okteto.com
For questions, reach out to me on Twitter: @RinkiyaKeDad

Learn Platform Engineering Best Practices!



https://bit.ly/43a3vcA