

ALEKSANDAR STIPAN

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WORK EXPERIENCE

Nuvotex Solutions GmbH DevOps Engineer

Augsbug
08/2024 - Present

- Architected and implemented production-grade Kubernetes clusters from scratch in on-premises environments, leveraging Infrastructure as Code practices through Ansible and Terraform to ensure consistent and repeatable deployments across multiple environments
- Developed and maintained custom Helm charts for streamlined application deployments, implementing best practices for versioning, dependency management, and templating to enhance deployment automation and reduce operational overhead
- Engineered and implemented sophisticated CI/CD pipelines in GitLab, automating build, test, and deployment workflows to enable rapid and reliable software delivery across multiple environments and applications
- Architected a robust container registry infrastructure using Harbor, implementing automated image replication strategies to synchronize container images across multiple OCI-compliant registries, ensuring high availability and reducing deployment latency

Go-Blueprint Core Maintainer

GitHub
11/2023 - Present

- Core maintainer of go-blueprint (6k+ stars), leading technical direction through implementation of advanced Docker features including multi-stage builds, database-specific compose configurations, and sophisticated Makefile automation enabling cross-platform build processes across Unix and Windows environments
- Architected and implemented the project's advanced feature system, including CI/CD pipeline generation with GoReleaser, comprehensive test automation workflows, and environment management, while maintaining extensive technical documentation and mentoring contributors through code review processes

PROJECTS

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| Go Blueprint <i>Go</i> | github.com/melkeydev/go-blueprint |
| K3s Single Node IaC <i>Terraform, Ansible, Helm</i> | github.com/ujstor/k3s-single-node-multi-cluster-iac |
| Helm Charts System <i>Helm, CNI, CSI</i> | github.com/ujstor/helm-charts-system |
| Helm Charts Apps <i>Helm, GitLab, Harbor, Mailserver</i> | github.com/ujstor/helm-charts-github-apps |
| Terraform Hetzner Modules <i>Terraform, Hetzner, Go</i> | github.com/ujstor/terraform-hetzner-modules |
| Hosting Infra Cluster <i>Terraform, Ansible, Coolify</i> | github.com/ujstor/self-hosting-infrastructure-cluster |

EDUCATION

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| University of Zagreb Centre for Croatian Studies Mag.comm Public Relations | Zagreb 2011 - 2014 |
| Faculty of Philosophy of The Society of Jesus in Zagreb Univ. bacc. phil. Philosophy | Zagreb 2008 - 2014 |
| Archdiocesan Classical Gymnasium High school | Zagreb 2004 - 2008 |

SKILLS

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| Programing Languages: | Go, Python |
| Containers & Orchestration: | Docker, Podman, K8s, K3s, K3d |
| Infra and Cloud: | Terraform, Ansible, Helm, AWS, Hetzner |
| Ver. Control, CICD & IDEs: | Git, GitHub, Gitlab, Nvim, Tmux |
| Others: | Linux, Bash, Nginx, K9s |