

Duhan Cem Karagoz

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Experience

VMware Senior DevOps Engineer

Dublin, Ireland
09/2022 – Present

- Automated infrastructure provisioning and management using Terraform and Ansible
- Built and optimized CI/CD pipelines using Jenkins, GitHub Actions, and ArgoCD, reducing deployment failures and increasing pipeline speed.
- Developed monitoring and logging solutions using Prometheus, Grafana, and EFK Stack to enhance system observability.
- Designed and implemented cloud solutions on AWS while reducing cost and improving stability.
- Managed deployments on Kubernetes and Virtual Machines, via Helm and Docker.
- Maintained and optimised cloud and on-prem data solutions such as PostgreSQL and MongoDB
- Managed and lead the efforts on Code Quality and Security solutions with Sonarqube, Checkmarx and Sonatype
- Mentored junior DevOps engineers, fostering skill development and best practices.
- Optimized system performance and incident response by implementing proactive monitoring solutions.
- Supported security initiatives, including infrastructure hardening and compliance audits.
- Provided mentorship and guidance to junior engineers, conducting training sessions and knowledge-sharing initiatives to uplift the engineering team.
- Lead the efforts for agile culture and devops mentality within the business unit.

Toptal DevOps Engineer

Remote, US
05/2022 – 09/2022

- Development with Typescript and Javascript based frameworks. - NestJS , Node.js
- Development with C# and .Net Core
- Designed and maintained CI/CD pipelines for automated testing, deployment, and rollback strategies, enabling faster and safer software releases.
- Deployed and managed cloud infrastructure on Google Cloud and Digital Ocean
- Implemented robust monitoring and logging solutions using Prometheus, Grafana, and EFK, improving system observability and reducing incident response time.

Siemens Research Engineer

Istanbul, Turkey
12/2020 – 06/2022

- Multi Platform development with AngularJS , Node.js , Ionic, Capacitor, Cordova
- Web development with Node.js, Nestjs, AngularJS
- Cache with Redis and DB with MySQL
- Native app development with Java and Swift
- Desktop app development with Electron and Node.js
- Communication Protocols like OPC.UA, Profinet and Modbus
- Containerization with Siemens Edge
- CI/CD With Gitlab Actions

- Microservice and Backend development on MVC design patterns using Microsoft Stack including .Net Core
- Front End development with Vue.js, and RazorView
- Deployed monitoring and logging solutions using Prometheus, Grafana, ELK stack and Zabbix
- Wrote and managed unit, integration, service tests with Cucumber and Karate
- Managed and oversaw databases such as MySQL, Mongo and OracleDB
- Deployed and managed project quality and security with Sonarqube, and Checkmarx
- Designed and maintained CI/CD pipelines for automated testing, deployment, and rollback strategies, enabling faster and safer software releases.
- Led migration of legacy monolithic applications to a microservices architecture, significantly enhancing system reliability, scalability, and performance.
- Managed version control systems like Gitlab, TFVS and Perforce

Education

Istanbul Technical University

Istanbul, Turkey

Bachelor's of Science , Computer Science

Thesis: Discrete Event Simulation on Logistics and Supply Chain

Skills & Interests

Technical: Terraform, Jenkins, ArgoCD, Grafana, Bash, SQL, Kubernetes, Helm, Azure, Continuous Integration, Continuous Delivery, Linux, Unix, Git, DevOps, Docker, Python, Script, Prometheus, Programming, Automation, RaspberryPi, VMware, Shell, Serverless, Vault, Research, Compliance, Artifactory, Agile, Scripting, Debugging, SSL, SSH, Operating Systems, CloudFormation, CloudWatch, NPM, Troubleshooting, Automation Tools, Amazon Web Services, Google Cloud Platform

Language: Turkish - Fluent, English - Fluent

Certifications: AWS Solutions Architect, TOEFL IBT, AWS Partner Accreditation