**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 Remote, US**

**DevOps Engineer** 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

**Softtech**

**DevOps Engineer**

**Istanbul, Turkey**  
06/2018– 12/2020

* 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