Ethem Cem Özkan

Senior DevOps Engineer

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Introduction

My name is Ethem Cem Özkan. With over a decade of experience in the software development industry, my career started as an Infrastructure Developer working on developing software libraries as well as managing CI pipelines, taking releases, making production deployments. Later on, this job role evolved into Software Configuration Management, empowered me to orchestrate seamless project workflows while upholding CMMI processes. Moreover, I have been an integral part of many DevOps projects, including containerizing legacy applications, orchestrating public cloud migrations, and architecting and implementing cloud-based solutions. These experiences have been instrumental in shaping my career and have contributed to my growth as a professional, resulting in my current position as a Senior DevOps Engineer.

On a personal note, I am informal, cheerful, hands-on, enthusiastic and eager to learn. I prefer working in an environment that focused on generating results. I enjoy working in a team with clear communication.

In my free time, I find joy in tinkering with my smart home setup and exploring culinary delights in the kitchen. I've been happily married to İdil, who has been my companion throughout our relocation to the Netherlands.

Skills

Skill	Rating
ECS	★★★★★
EC2	★★★★★
IAM	★★★★★
RDS	★★★★★
Docker	★★★★★
Ansible	★★★★★
Cloudformation	★★★★★
Jenkins	★★★★☆
EKS	★★★☆☆
Kubernetes	★★★☆☆
PostgreSQL	★★★☆☆
RabbitMQ	★★★☆☆
Python	★★★☆☆
Java	★★★☆☆
JavaScript	★★☆☆☆
Mysql	★★☆☆☆
Powershell	★★☆☆☆
Bash	★★☆☆☆
AWS	★★★★★
Azure	★☆☆☆☆

Languages

Language	Rating
English	★★★★★
Turkish	★★★★★
Dutch	★☆☆☆☆

Experiences

Senior DevOps Engineer   2019.09 – Present
Coolblue Energie/ServiceHouse

AWS   ECS   EKS   SNS   IAM   Glue   Redshift   AWS SSO

Fargate   RDS   ECR   PostgreSQL   Mysql   Cloudwatch   Lambda

Cloudformation   Ansible   AWX   Datadog   Python   RabbitMQ

During my time at ServiceHouse, which later merged with Coolblue, I played a pivotal role in migrating their infrastructure to AWS from its inception. As a member of the DevOps team, I led the seamless transition of existing CI/CD pipelines and service workloads onto the AWS platform. Subsequently, I designed and implemented new opportunities provided by AWS to modernize their environments, ensuring scalability, reliability, and efficiency. In collaboration with the development teams, I designed and implemented tailored solutions to simplify their interaction with AWS, streamlining the development process and mitigating the complexities associated with cloud infrastructure. Notable achievements include database RabbitMQ cluster, SSO migration and access request system resulting in seamless developer experience. These initiatives not only streamlined development processes but also contributed to significant improvements in system performance, reliability, and security, ultimately driving business success.

DevOps Engineer   2018.11 – 2019.09
ICterra

Docker   Swarm   Windows Containers   RabbitMQ   GitLab

During my time as a DevOps Engineer, my primary responsibility revolved around creating robust CI/CD pipelines and establishing DTAP environments for various projects. Additionally, I gained experience with Windows containers and played a pivotal role in integrating containers, leveraging my expertise to ensure seamless deployment processes and optimize system performance.

DevOps Engineer   2018.06 - 2018.11
Notary Union of Turkey

Docker   Swarm   Bitbucket

I took on the crucial responsibility of managing the infrastructure for their self-developed software, which is essential to notaries across Turkey and operates at a high volume. My role involved assisting the team in containerizing their software solutions, leveraging my expertise to streamline processes and enhance system efficiency.

Software Configuration Manager   2012.05 - 2018.06
TUBITAK   (The Scientific and Technological Research Council Of Turkey)

Java   EC2   Cloudformation   VM   Linux   Teamcity   Hudson

Oracle   Bash   Git   Powershell   EJB   Spring   JSF

I started on a journey of continuous learning and growth that shaped my expertise in CMMI processes and laid the foundations for my proficiency in AWS. As my tenure progressed, I assumed pivotal roles, notably being entrusted with the management of crucial project infrastructures and development/production environments.

My responsibilities include managing configuration across all development environments, orchestrating CI pipelines, and facilitating the seamless deployment of releases while automating developer environment setups. Adherence to CMMI level 5 Configuration and Development processes was critical in all my projects. Notably, I had the privilege of working on Turkey-wide high-volume projects, such as the track and trace system for all medical devices, where my contributions played a pivotal role in ensuring project success.

In addition to my configuration management duties, early in my career, I contributed to simplifying development workflows by developing Java-based libraries.

Education

Computer Engineering (Phd)
2015 - discontinued

Hacettepe University

I completed all my courses for my Ph.D. However, I had to discontinue my studies due to my relocation to the Netherlands.

Computer Engineering (Msc)
2012 - 2014

TOBB University of Economics and Technology

Computer Engineering (BS)
2007 - 2012

TOBB University of Economics and Technology