

Ömer Buğra Demir

Expert DevOps Engineer · 5+ years

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■ PROFILE

DevOps engineer with 5+ years of hands-on experience, from racking Linux servers to running Kubernetes in production. I wire CI/CD into projects of every shape (ARM cross-builds included), lead migrations from legacy stacks to container platforms, and keep observability stacks honest. Lately I've also been serving AI workloads: LLM, chat, agent, MCP, gateway and workflow applications. CKA certified.

■ EXPERIENCE

Expert DevOps Engineer

Feb 2023 – Present

STM · Ankara

Promoted from DevOps Engineer to Expert DevOps Engineer in Oct 2023.

- Integrated CI/CD into many projects with Jenkins, GitLab CI and Bamboo, significantly shortening build and deploy times.
- Led migrations from legacy technologies to modern, containerized platforms on Docker and Kubernetes.
- Built pipelines for a polyglot codebase (Angular, .NET, C++, C, Python and more), including applications cross-compiled for ARM.
- Ran artifact and image management on JFrog Artifactory and Harbor.
- Served AI applications in production: LLM, chat, agent, MCP, gateway and workflow services.
- Operated Elasticsearch, OpenSearch and MongoDB; monitored everything with Prometheus, Grafana, Loki, Zabbix and ELK.
- Worked across Linux and Windows; automated day-to-day work with Bash, Python, PowerShell and REST APIs; used Microsoft Azure.
- Collaborated daily in the Atlassian toolchain: Jira, Confluence, Bitbucket and Bamboo.

DevOps Engineer

Jun 2022 – Feb 2023

Mono Bilişim · Ankara

DevOps & Cloud team

- Installed and managed monitoring systems (Zabbix, Prometheus, Grafana, ELK, Loki).
- Managed clustered / high-availability systems and load balancers (HAProxy, Traefik, Kong).
- Managed AWS infrastructure: EC2, EKS, RDS, S3, ELB, CloudWatch and OpenSearch.
- Ran CI/CD pipelines and container platforms with Jenkins, GitLab CI, Docker and Rancher.
- Automated processes and made them repeatable with Ansible and Bash.

■ SKILLS

Containers

Kubernetes Docker Rancher
Docker Compose Amazon EKS

CI/CD

Jenkins GitLab CI/CD Bamboo
Bitbucket Git

Artifacts

JFrog Artifactory Harbor MinIO
Amazon S3

Observability

Prometheus Grafana Loki Zabbix
ELK Stack Instana New Relic
CloudWatch Wazuh

Cloud & Virtualization

AWS Microsoft Azure Proxmox VE
Amazon EC2 Amazon RDS

Data & Search

Elasticsearch OpenSearch MongoDB
PostgreSQL MySQL Redis RabbitMQ

Traffic & Proxy

Nginx HAProxy Traefik Kong
Apache Caddy ProxySQL
Gobetween AWS ELB

Automation

Bash Python PowerShell Ansible
REST APIs

AI Platform Ops

LLM serving AI gateways MCP servers
Agents Workflow engines Chat apps

Build Targets

ARM cross-builds .NET Angular C++

Systems

Linux Windows Server Zimbra
Asterisk / FreePBX
Proxmox Mail Gateway PHP-FPM

Collaboration

Jira Confluence Kanban Bitbucket

■ CERTIFICATIONS

Kanban System Design (KMP I)

Linux System Administrator

Dec 2020 – Jun 2022

Mono Bilişim · Ankara

Systems team

- Installed, maintained and managed Linux servers (CentOS, Debian, Ubuntu).
- Managed web servers (Nginx, Apache, Caddy, PHP-FPM) and databases (MySQL, PostgreSQL, MongoDB, Redis).
- Ran e-mail systems (Zimbra, Z-Push, Proxmox Mail Gateway) and IP PBX / SIP systems (Asterisk, FreePBX, Issabel).
- Managed firewalls and Proxmox VE virtualization.

Engineering Intern

2017 – 2018

Memorial Healthcare Group · Türk Telekom · Ankara

- Memorial Healthcare Group — IT Systems team (Jul 2018 — Aug 2018).
- Türk Telekom — Network System Management (Jul 2017 — Aug 2017).

PROJECTS

obugrademir.com ↗

This very site: a résumé disguised as a platformer, served from Cloudflare Workers. Try `curl obugrademir.com`.

Cloudflare Workers · Canvas · Vanilla JS

Sesim Ol (Be My Voice) University project

Emergency-help system designed first for hearing-impaired people: an Android app sends the user's location and message to a web dashboard used by 112 emergency units.

C# · ASP.NET MVC · SQL · Java · Google Web API

Online Bill Tracker University project

IoT project: an Arduino built as an electricity meter, calculating the bill in real time, with an Android app to monitor usage and switch power on or off remotely.

C++ · Arduino · Firebase · MIT App Inventor

3D Printer University project

Took an active role in assembling and producing a 3D printer with my team: the main frame and the software that sends models to the printer.

Arduino · STL

Real-time Object Tracking University project

Image-processing project that identifies objects in front of a camera in real time, tracks their coordinates and motion, and estimates their scaled size.

MATLAB

Kanban University · Apr 2026

CKA — Certified Kubernetes Administrator

CNCF / The Linux Foundation · Oct 2025

MongoDB & Mass Data for Developers and DBAs

Mustafa Akgül Free Software Camp · Aug 2022

Cyber Security & Profiling

Academic Informatics Conference (AB2017) · Feb 2017

EDUCATION

B.Sc. Electrical & Electronics Engineering

Aksaray University · 2015 — 2019

IEEE Student Branch — Board Member (2017 — 2019)

IEEE Student Branch — Chair of the Audit Committee (2019)

ACTIVITIES

Mustafa Akgül Free Software Camp — Participant (Aug 2022)

5th National Management Information Summit — Student representative (Apr 2018)

19th Academic Informatics Conference (AB2017) — Participant (Feb 2017)

LANGUAGES

Turkish

Native

English

Working proficiency