

# Tolga Torun

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## ● ABOUT ME

A hands-on backend and DevOps engineer who recently designed, built, and deployed a full-stack SaaS application, 2pdf.io, from the ground up. Architected a scalable microservice system using **Go**, containerized all services with **Docker**, and implemented an **asynchronous job queue** with **RabbitMQ** to handle heavy workloads. This practical experience is complemented by a DevOps internship focused on building **CI/CD pipelines** and managing deployments on **AWS**. I am driven by the challenge of solving complex problems and am eager to bring this blend of architectural design and practical deployment expertise to a fast-paced team.

## ● WORK EXPERIENCE

🏢 **UNIVERSAL PHOENIX GROUP LLC** – UNITED STATES

**DEVOPS ENGINEER INTERN** – 21/04/2025 – 24/10/2025

- Built a CI/CD pipeline with **GitHub Actions** to automate building and deploying a Next.js web app.
- Containerized the application using Docker, managed images in **GitHub Container Registry (GHCR)**, and automated deployments to **AWS EC2** via **SSH** for zero-downtime updates.
- Identified a security risk and improved system resilience by isolating a Go API in a private Docker network, taking ownership of the implementation from analysis to deployment.
- Deployed a monitoring stack using **Prometheus**, **Grafana**, and **cAdvisor** to visualize container performance metrics like CPU, memory, and network I/O.

🏢 **İSKENDERUN ENERJİ ÜRETİM VE TİCARET A.Ş.** – ADANA, TÜRKİYE

**INTERNSHIP** – 16/07/2024 – 10/08/2024

- **IT Infrastructure & Network Management:** Configured and maintained Cisco switches, set up Ethernet keystones, and managed IP protocols and DNS settings. Assisted in the installation and configuration of new servers, including backup servers, and ensured proper cooling and stabilization to prevent hardware damage.

## ● EDUCATION AND TRAINING

01/10/2021 – 30/06/2025 Adana, Türkiye

**COMPUTER ENGINEERING** ÇUKUROVA UNIVERSITY

Website <https://www.cu.edu.tr/>

## ● SKILLS

Linux (Terminal Commands, Bash/Shell) | GIT version control, Linux Command | MySQL, SQL, SQLite, PostgreSQL | REST API management | Go | Unix Shell (SSH) | Github, Github actions | Monitoring Tools (Kibana, Grafana, Logstash, Prometheus) | Microservice Architecture | RabbitMQ / Kafka | Docker & docker-compose | WEB servers (Caddy, Apache2, NGINX) | SSL, OAuth 2.0 | Javascript/Typescript, React, Node.js, Vue.js

## ● PROJECTS

15/10/2025 – CURRENT

**2pdf.io Document Conversion SaaS**

Designed, built, and deployed a full-stack document conversion application from scratch, demonstrating end-to-end skills in backend architecture, DevOps, and security.

- Architected a scalable, microservice backend in **Go (Gin)** with a **RabbitMQ** job queue to handle asynchronous, heavy-duty file conversions reliably.
- Engineered a complete authentication system with email/password registration (**bcrypt**, **JWTs**), account verification, and **Google OAuth2** login.
- Containerized the entire stack (API, Worker, DB, Queue) with **Docker** and deployed to a **Hetzner VPS** using **Docker Compose** and **Caddy** for reverse proxying and automatic **HTTPS**.
- Implemented robust backend security, including CSRF protection for OAuth flows and file-type validation based on MIME types to prevent malicious uploads.
- Wrote a comprehensive integration test suite in **Go** to automate quality assurance for over 20 file formats against an ephemeral test database managed by Docker.

Link <https://2pdf.io/>