

# CAN BATU ERDEM

CTO / CHIEF ARCHITECT



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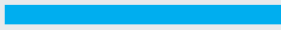
canbatuerdem@gmail.com



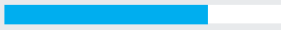
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## LANGUAGES

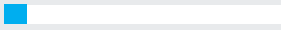
TURKISH



ENGLISH



ITALIAN



## SKILLS

Reverse Engineering

Distributed Systems

Cloud Architecture

CI/CD & Automation

AI Engineering (Vector DB / RAG)

Enterprise Security (Zero-Trust / DMZ)

DDoS / Cloudflare / Network Resilience

Performance Engineering (AWR / DB / IO)

System Rescue / Crisis Management

High-Risk Technical Decision Authority

## PROFILE

High-impact CTO & Chief Architect with 15 years of experience rebuilding unsalvageable systems, designing long-term stable architectures, and leading global engineering teams. Combines deep hands-on technical capability (infrastructure, cloud, security, CI/CD, reverse engineering, DB/AI systems) with enterprise leadership across banking, fintech, and mission-critical platforms.

## CORE ACHIEVEMENTS

- Unsalvageable → Recovered: Rebuilt multi-year legacy systems in under 2 weeks via full reverse engineering, even without source code.
- Enterprise-scale leadership: Led 200+ stakeholders across UniCredit's HR digital transformation; VP level reporting to CEO-3.
- Delivery acceleration: Brought 2-day module development down to 4 hours; reduced deployment failure by 20%.
- Extreme automation: Turned half-day manual deployments on 60 servers into a 15-second one-click pipeline.
- Crisis resolution: Solved Cloudflare, DDoS, load-balancer, tunnel architecture and system-wide outage scenarios end-to-end.
- AI engineering (real systems): Built vector-db, semantic retrieval, ETL pipelines, and LLM orchestration layer (not prompt-wrapper tools).
- Startup execution: As CTO/shareholder, delivered investor-ready releases under pre-seed deadlines; built full CI/CD from zero.
- Enterprise security: Designed DMZ segmentation, firewall rules, zero-trust flow, and DB performance governance (AWR-driven).

## TECHNOLOGY LEADERSHIP

- CTO / VP-level decision authority for high-risk technical choices
- Cross-functional leadership (engineering, infra, analysis, vendor, sales-tech)
- End-to-end architecture ownership (cloud, backend, security, data, AI)
- High-intensity delivery in crisis or investor-driven environments

## WORK EXPERIENCE

2020 - Now

### CHIEF SOFTWARE ARCHITECT DOA Software, Turkey

- Full technical authority for all high-risk decisions.
- Reverse engineered multi-year systems in 2 weeks.
- Automated 60-server deployment to 15-second pipeline.
- Led international customer/vendor negotiations and all English communication.