Burak Faruk Şahin

Senior DevSecOps & Platform Engineer · Founder, BRF Tech · 12+ years · Istanbul, Turkey
burak@brf.sh · brf.sh · linkedin.com/in/buhack · github.com/brkfun · burak.sh

PROFILE

Senior platform engineer, **12+ years** on Docker, Kubernetes, Knative, and serverless. Founder of **BRF Tech** — DevSecOps consultancy serving 15–35 clients across iGaming, retail (Koton), fintech, logistics, and hosting. Deep DevSecOps coverage: WAF, secret management, image scanning, RBAC, mTLS, OIDC/SAML, audit logging. Cut cloud costs up to 50%, designed multi-tenant platforms end to end (Kubernetes and single-server), built serverless pipelines processing 50M+ records nightly. Author of **filex** — an open-source (MIT) self-hosted file manager running in production across multiple platforms — and **runr.sh**, an open-core serverless + AI platform on Knative. Open to EU/US remote, hybrid, or relocation — Senior / Staff / Lead / Principal IC and CTO roles.

EXPERIENCE

Founder & Principal Engineer · BRF Tech (brf.sh) | Mar 2023 – Present

- Solo DevOps consultancy: **15–35 client engagements** across Kubernetes, Docker, CI/CD (GitLab/GitHub Actions/Jenkins), Terraform, Ansible, monitoring (Prometheus, Grafana, Loki), GitOps, security hardening, and cloud migrations on AWS, GCP, Azure, Hetzner. Productized as a **25-area service catalog with tiered USD pricing**.
- Self-hosted production on two stacks: K8s 1.24 with **Knative, Traefik, Longhorn, Kata Containers** (Confidential Computing, internal multi-model LLM gateway with Ollama + vLLM), and a **Docker + Caddy platform (40+ vhosts)** running the company estate — Keycloak SSO across ~20 services, Laravel/Filament ops monolith, Prometheus/Grafana observability, automated off-site DR.

DevSecOps & Solutions Engineer · DTCloud (via BRF Tech) | Aug 2025 – Present

- Built and operate a **multi-tenant hosting platform** (mail + files + SSO) serving **10 tenant companies on their own domains** from a single server: self-hosted Stalwart mail, filex file management consolidated onto one natively multi-tenant instance, per-tenant Keycloak realms with passkeys — new-tenant provisioning (DNS, TLS, realm, mail, files, portal) automated to **a single command**.
- **Zero-data-loss migration of 100k+ emails (~40 mailboxes) from Yandex 360** to self-hosted: parallel systemd-managed IMAP sync engine, MX/SPF/DKIM/DMARC cutover across 9 domains, deliverability hardened from 3/10 to **10/10 (mail-tester)**.

Creator & Sole Engineer · filex — open-source self-hosted file manager (MIT) | 2025 – Present

- **Go backend + Vue 3 frontend** shipped as SPA, embeddable **<filex-explorer> web component**, and MCP server; pluggable storage (local, S3, SFTP, WebDAV, FTP), auth (local, OIDC, LDAP, proxy-header) and DB (SQLite/Postgres/MySQL) drivers; single binary or container (ghcr).
- Production-grade features: **native multi-tenancy** (powers a 10-tenant client deployment), RBAC + per-item ACLs, **real-time collaboration** (WebSocket presence + live folder updates), public shares with PIN/expiry, per-token identity audit trail, OnlyOffice preview, ShareX endpoint — embedded in three production host apps via server-side confined proxy tokens.

Creator & Sole Engineer · runr.sh (Pre-release) | 2024 – Present

- Building an **open-core serverless + AI platform** on K8s/Knative unifying CaaS, FaaS, XaaS plus AI module: AaaS (agents), AgentFlow (multi-agent DAGs), MaaS (GPU model serving). Multi-tenant with schema-per-tenant, RBAC, SSO (OIDC), Kata/gVisor/Firecracker sandboxing — designed for fintech, government, and air-gapped deployments.

Senior DevSecOps Engineer · Veribox | Aug 2024 – May 2025

- Senior DevSecOps via BRF Tech: hardening Kubernetes deployments, Vault + External Secrets, image scanning (Trivy), CI/CD security gates.

Senior DevSecOps Engineer · Monotech (iGaming Platform Vendor) | Apr 2023 – Apr 2025

Remote, Zagreb · GCP / GKE · ~30 developers across 3 product teams

- Re-platformed monolithic iGaming app from **GCP Serverless to GKE Kubernetes**, cutting infra cost up to **50%** while serving a flagship customer with **100k–500k unique users** + 3–5 tenants. Per-customer GKE clusters autoscale 20–30 nodes; Cloudflare CDN + WAF rules + rate limiting for production hardening.
- Built a **multi-branch ephemeral environment system** (every dev-xyz branch → xyz.dev.app.tld), DopsDashboard self-service portal, secret management with Passbolt + External Secrets, Kubernetes RBAC + Network Policies + Pod Security + mTLS + cert-manager + Let's Encrypt automation. Internal LLM coding assistant (Ollama).

Senior DevOps Engineer · Parkos | Aug 2022 – Apr 2023

Remote, Amsterdam · Airport parking marketplace, 7M+ customers · Acquired by CAVU / Manchester Airports Group, 2024

- Worked on Laravel microservice platform deployed across **AWS and GCP** with portable Kubernetes manifests; used **ArgoCD + Terraform** to scale up GitOps. Owned production stability via Sentry-driven triage, measurably reducing error rate. Engagement ended due to NL EU-citizenship requirement, not performance.

Senior Software Engineer · Aloware | Feb 2022 – Aug 2022

Remote, LA · AI-powered contact center SaaS

- Designed a **fair-queue messaging system** so a tenant blasting 3M SMS no longer starved others. Migrated Laravel to **AWS Lambda via Vapor**; cut Redis/memcache RAM by moving high-volume traffic to MQTT; upgraded Laravel 5 → current; built CI/CD from scratch.

DevSecOps Consultant · Kamion (via BRF Tech) | Nov 2020 – Feb 2022

Istanbul · Turkish freight/trucking marketplace

- Fractional DevOps: deployed K8s from scratch on AWS with Rancher, re-deployed onto better-spec services as the company scaled. Laravel + Node + Next.js stack.

DevSecOps Engineer & Acting CTO · C-Level | May 2019 – Feb 2022

Joined as fullstack at team-of-6, became DevOps lead as team grew to 25, served as Acting CTO for the final ~8 months

- Owned end-to-end deploy and ongoing dev for **Koton QCommerce** (Getir-style rapid retail delivery) and **Uysal Market QCommerce** on Hetzner + Rancher. Deployed K8s for Europcar Medos, ConnectFilom (Tofaş), HRVenue (kariyer.net); built Companity & AppShadow from zero (TÜBİTAK-approved).
- Built **PaketTaksi OYM** — serverless reconciliation system on AWS Lambda + Vapor that pulls **~50M nightly fuel records** from Petrol Ofisi at 23:55 and finishes per-courier reconciliation in **1–3 minutes** (replacing an hourly manual Excel + macro process).

Earlier · 360DRC, Juvenis, Erstream | Jan 2018 – Sep 2020

- At **Erstream** shipped **4 R&D projects in 8 months** — flagship CCNMS (Closed-Circuit Network Management System) was productized end-to-end and **sold to Turkcell, Türk Telekom, and a third operator**. At Juvenis brought a digital agency to modern engineering practice (Git, CI/CD, Docker). At 360DRC wrote Salesforce plugins and Laravel/Node fixes.

TECHNICAL SKILLS

Cloud, Containers & IaC: Docker, Compose, Swarm, Kubernetes (GKE, EKS, on-prem), Helm, Kustomize, Rancher, Knative, Istio, Linkerd, Traefik, Caddy, Kong, Kata Containers, gVisor, Firecracker; AWS (Lambda, ECS, EKS, S3, RDS), GCP (GKE, Cloud Run), Azure, Hetzner, DigitalOcean, OVH; Terraform, Ansible, Pulumi

CI/CD, Observability, SRE & Security (DevSecOps): GitLab CI, GitHub Actions, Jenkins, ArgoCD, FluxCD, Kaniko, Vapor; Prometheus, Grafana, Loki, Tempo, Jaeger, OpenTelemetry, Datadog, Sentry, GlitchTip, Elastic; SLO/SLI, error budgets, on-call, MTTR, runbooks, PagerDuty; Cloudflare WAF + rate limiting + bot management + DDoS; OWASP Top 10 (SQLi/XSS/CSRF); image scanning (Trivy, Grype); SAST/DAST; secret management (Vault, External Secrets, Passbolt, gitleaks); K8s RBAC, Network Policies, Pod Security; mTLS, cert-manager, Let's Encrypt; OIDC/SAML/OAuth2 (Keycloak, Authelia, Auth0); audit logging, SIEM; KVKK/GDPR/SOC 2/ISO 27001 prep; WireGuard VPN, Cloudflare Zero Trust

Languages, Frameworks, Data & AI: PHP, JS/TS, Node, Python, Go, Bash, Java, Kotlin, Swift; Laravel (5→13), Filament v5, Symfony, Vue, Nuxt, React, Next.js, Svelte, Django; PostgreSQL/PostGIS, MySQL, MongoDB, Redis, MQTT, Kafka, RabbitMQ, NATS, Airflow, Debezium, Elasticsearch; Ollama, vLLM, OpenAI-compatible inference, MCP, ACP, RAG, multi-agent orchestration (Claude Code, Claude Agent SDK)

EDUCATION & LANGUAGES

Uludağ University — Computer Programming (Bursa). **Darüşşafaka** — English & French boarding school (Istanbul).
Languages: Turkish (native), English (C1). *Detailed CV: brf.sh/cv*