Toprak **Yagcioglu**

Software engineer at ShuttleCloud, the email migration built into Gmail. On my own time I ship apps for iPhone and Mac, and I find security bugs.

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amazon trendyol

Found security vulnerabilities in Amazon and Trendyol. Both fixed.

5,000+

downloads of Öğrenci Nerede Yer on the App Store

2,828

downloads of Dusty, 69 stars on GitHub

Experience

ShuttleCloud *Software Development Intern*

MADRID · AUG 2026 → NOW

ShuttleCloud runs "Import mail and contacts" inside Gmail: about 12,000 migrations a day from 200+ providers. I work across the group: ShuttleCloud, Email Meter and Reportative.

- **Migration engine.** Made the IMAP copy loop 2.07× faster: it no longer waits on one server at a time. Measured end to end, in review.
- **Security.** Reviewed all 80 repositories. Every finding ships with a reproduction on synthetic data and a fix as a pull request.
- **www.shuttlecloud.com.** Moved the live company site to a new host. 285 of 286 pages checked identical before the DNS switch.
- **Email Meter.** Built a daily triage agent. It reads failure signals from 8 services, groups them into problems and opens a draft PR with a failing test. It never merges.
- **Reportative** (electrical monitoring on ships). 6 merged PRs, one of them a fix for a single slow browser freezing the live feed for every user.
- **Agent tooling.** Set up and hardened the company knowledge server that coding agents query over MCP. Now in pilot.

STACK Python · IMAP · OAuth 2.0 · Gmail API · Microsoft Graph · Redis · ClickHouse · Docker

Selected work

Öğrenci Nerede Yer *iOS app on the App Store*

5,000+ DOWNLOADS · 2025 → NOW

"Where do students eat?" Students in Istanbul rate places on taste, price and vibe, find someone to eat with, and chat. Built end to end: 20 Postgres tables, all behind row-level security; 10 Zustand stores with optimistic updates; real-time chat; GDPR account deletion in an Edge Function.

STACK TypeScript · React Native · Expo · Supabase · Postgres

Download on the App Store

Dusty *open-source Mac cleaner*

69★ · 2,828 DOWNLOADS · MIT

Shows you everything before it deletes anything. Touches only a fixed list of cache folders (Xcode DerivedData, old simulators, npm, pip, cargo, Homebrew), never Documents, Photos or Mail. Trash first, with Undo and a deletion log. Signed, notarised, one `brew install`.

STACK Swift · SwiftUI · SwiftPM · Homebrew

yagcioglutoprak/dusty

Glitch *pentest workbench for macOS*

2026 · PRIVATE ALPHA

Burp Suite with a coding agent inside. Every request goes through mitmproxy and is saved to disk. Right-click one and an agent works on that request only, with its own MCP server and a fixed scope. A verifier checks each finding before it counts.

STACK Electron · TypeScript · Python · mitmproxy · MCP

ToneForge *live guitar rig for Mac*

2026 · SOLO

29 effects, 118 presets, 9 amp models, ~8 ms round trip. Real-time DSP in plain C that never allocates or locks on the audio thread, with Swift and AVAudioEngine above it. I play through it every day.

STACK C · Swift · SwiftUI · AVAudioEngine · CoreMIDI

EDUCATION

B.Eng. Computer Science
Software Development
WSB Merito University, Wrocław.
Taught in English.
OCT 2023 → FEB 2027 · FINAL YEAR

SKILLS

LANGUAGES
Python, TypeScript, Swift, SQL, C, Bash

EMAIL & IDENTITY
IMAP, OAuth 2.0, Gmail API, Graph

BACKEND & DATA
Postgres, Supabase, Redis, ClickHouse

APPLE & MOBILE
SwiftUI, AppKit, React Native, Expo

INFRA
Docker, Ansible, GitHub Actions, GCP

SECURITY & AGENTS
mitmproxy, Burp Suite, MCP

BUG BOUNTY

HackerOne

amazon	Amazon	fixed
trendyol	Trendyol	fixed

Reported on HackerOne; both confirmed and fixed. Details stay private.

OPEN SOURCE

GitHub

Dusty	69★
AIQuotaBar	32★

130 stars across my public repos. AIQuotaBar puts AI usage limits in the macOS menu bar.

LANGUAGES

Turkish	native
English	B2, daily at work
French	B1
Spanish	A1, learning

OUTSIDE WORK

Guitar since 13. Learning Gilmour's solos by ear.