SIMON FERESHETYAN

SOFTWARE DEVELOPER

Software developer in Yerevan building internal tools, monitoring and automation — most often with TypeScript and Node.js — and the Linux servers behind them.

```
SHELL CV

simon@computer ~ $ whoami
software developer
```

EMPLOYMENT EXPERIENCE

SOFTWARE & SYSTEMS ENGINEER

SETCENTER · 2024 — PRESENT

- Designed and built an internal staff intranet using Next.js and PostgreSQL, deployed with Docker and Dokploy.
- Developed internal tools for office operations, employee directory and consumable inventory tracking.
- Administer Linux and Windows infrastructure, including deployment automation, health checks and monitoring.

SELECTED WORK PROJECTS

01 / 04 · INTERNAL TOOL 2025 — PRESENT

INTERNAL STAFF INTRANET

- Employee directory, org structure, ISO documents, learning pages and printer stock — in Armenian.
- Docker and Dokploy deploy with rollback and health-check scripts.

`Next.js` `React` `TypeScript` `PostgreSQL` `Prisma` `Docker`

02 / 04 · OPEN SOURCE CLI 2026

AVE2MP4 — AVIGILON EXPORT CONVERTER

- Lossless FFmpeg remux of Avigilon .ave footage to MP4 — no re-encode, no Avigilon Player.
- CI on Linux, Windows and macOS; Windows binaries via GitHub Releases.

`Python` `FFmpeg` `H.264` `GitHub Actions` `Repo ↗`

03 / 04 · OPEN SOURCE QML PLUGIN 2026

KEYBOARD LAYOUT OSD

- Keyboard-layout OSD for DankMaterialShell, above fullscreen windows, with multi-monitor modes.
- In the official DMS plugin registry; IPC command for scripts and keybinds.

`QML` `Qt` `Quickshell` `niri` `Repo ↗`

04 / 04 · OWN PRODUCT 2025 — 2026

OMNICHANNEL SUBSCRIPTION CRM

- Multi-tenant CRM with two-way sync for Telegram, Instagram, Messenger and Viber.
- Built with NestJS, PostgreSQL, Redis and Lemon Squeezy billing webhooks.

`NestJS` `PostgreSQL` `Redis` `Webhooks` `Docker` `Repo ↗`

CONTACT

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STACK

LANGUAGES

`TypeScript` `JavaScript` `Python` `Bash` `SQL`

WEB & DATA

`Node.js` `NestJS` `React` `Next.js` `PostgreSQL` `Redis` `Prisma` `Tailwind`

INFRA & TOOLING

`Docker` `Dokploy` `Linux` `Git` `CI/CD` `Windows Server` `Hyper-V` `FFmpeg`

EDUCATION

National University of Architecture and Construction of Armenia

Bachelor of Computer Science · Yerevan

NOTICE

Telegram is the fastest way to reach me.

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