

Fehmi Bora Şimşek

Backend · Automation · Cloud Infrastructure Engineer

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- Open to remote B2B / part-time contracts

SUMMARY

I am a computer engineer. Writing code since 2014: services that scale on Node.js and Python, processes that run themselves through n8n, infrastructure that stays up on Docker and Linux. I founded my own hosting company and still run it.

TECHNICAL SKILLS

Backend & Languages: Node.js, Python, PHP, MySQL, C++, C, RESTful API

AI & Automation: n8n, AI agent orchestration, Web scraping, Selenium, Custom bot frameworks

DevOps & Cloud: Docker, Kubernetes, Linux yönetimi, SSH, Cloudflare, Networking

Platforms & Hosting: WHMCS, cPanel, Plesk, WordPress, XenForo, Git, GitHub

EXPERIENCE

Clou.TR Hosting & Cloud Solutions

Founder & Cloud Solutions Architect

Oct 2025 — Present · Ankara · Self-employed

- Founded and scaled a professional web hosting business: Linux server administration, user access policies, shell configuration.
- Automated client provisioning and billing by integrating WHMCS with my own backend tooling and n8n pipelines.
- Optimised edge routing, server firewalls and DNS resolution protocols using Cloudflare architecture.

Technologies: Linux, WHMCS, n8n, Cloudflare, cPanel, MySQL

Arçelik

Software Engineering Intern

Jul 2025 · Türkiye · Remote

- Contributed to backend system analysis and internal tooling inside an agile, cross-functional product engineering team.
- Gained experience with production-level project updates and asynchronous engineering workflows.

Technologies: Backend, Agile, Internal tools

Information Technologies & Communication Authority

DevOps & Infrastructure Intern

Aug 2024 — Sep 2024 · Ankara

- Selected through the competitive National Internship Programme to support the institutional DevOps ecosystem.
- Hands-on experience with infrastructure monitoring, software containerisation via Docker and repository control with Git.

Technologies: Docker, Git, Monitoring

Republic of Türkiye — Ministry of Industry and Technology

Engineering Intern

Jul 2023 — Aug 2023 · Ankara

- Analysed technology sector frameworks and engineering workflows under the National Internship Programme.

Technologies: Sector analysis, Public sector

EDUCATION

Atılım University

B.Sc. in Computer Engineering

Sep 2020 — Jul 2025 · Ankara

- Final-year project AquAI won first place at the Atılım Research Day project competition.

Technologies: C / C++, Algorithms, Machine learning

SELECTED PROJECTS

Clou.TR — 2025 · Venture · Cloud infrastructure

A Türkiye-based hosting and cloud provider I founded and operate.

Shared hosting, KVM virtual servers, reseller plans and domain registration. The WHMCS order flow is wired into provisioning and billing through n8n automation pipelines; edge traffic and DNS run on Cloudflare. Server side runs LiteSpeed, Imunify360 and daily backup policies.

Technologies: WHMCS, n8n, Cloudflare, Linux, LiteSpeed, KVM • **Link:** clou.tr

AquAI — 2025 · Research · Machine learning

Water level analysis from satellite imagery with an LSTM forecasting model.

A machine learning solution that analyses, maps and tracks environmental water level variation from satellite imagery. I designed and structured a Python-based LSTM network to forecast regional resource trends. It won first place at the Atılım Research Day project competition.

Technologies: Python, LSTM, TensorFlow, Remote sensing, Geospatial

KickOverlay — 2026 · Desktop application

A Windows app that renders Kick.com chat as a transparent, click-through overlay.

A streaming tool written in PyQt6 and compiled to a single binary with PyInstaller. Emotes are cached to disk and drawn inline; moderator, VIP and subscriber badges are pulled from channel assets. It ships mention highlighting, word and user filters, subscription/raid/ban notifications, auto-update through GitHub Releases and crash logging. Turkish characters are supported from the start.

Technologies: Python, PyQt6, PyInstaller, REST API, Windows • **Link:** github.com/vicdum/kickoverlay

metunicapi — 2025 · Backend · WHMCS module

A PHP registrar module for domain registration and management inside WHMCS.

A module that binds a domain provider API to the WHMCS registrar interface: registration, renewal, transfer and nameserver operations run inside the billing flow. Standard WHMCS module architecture with a lib/templates split, covered by PHPUnit.

Technologies: PHP, WHMCS, REST API, PHPUnit • **Link:** github.com/vicdum/metunicapi

AtılımTimetable — 2024 · Automation · Web scraping

A Node.js tool that collapses EduPage lecture hours into a single SVG timetable.

A student declares their courses in 'lectures.yml'; the tool walks EduPage through Selenium and GeckoDriver, merges scattered lecture hours and emits a shareable SVG in seconds. A Docker-packaged web interface (AtılımScheduler) runs alongside it.

Technologies: Node.js, Selenium, YAML, SVG, Docker • **Link:** github.com/vicdum/AtılımTimetable

AWARDS

Atılım Research Day project competition — First place (AquAI, 2025)

LANGUAGES

Türkçe — ana dil · English — B2

SERVICES DELIVERED UNDER CONTRACT

Backend & API development

Production-ready services in Node.js or Python: data model, REST surface, authorisation, logging and deployment included.

Process automation

I move repetitive manual work into n8n flows, scheduled jobs and bots: ordering, billing, reporting, data collection.

Server & DevOps

From Linux server setup to Docker packaging, from firewall rules to backup policy — building or taking over the infrastructure.

Hosting & panel integration

Module development, provisioning automation and migrations across WHMCS, cPanel and Plesk — the work I do daily at my own hosting company.

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