Aryan Hamedani

Backend Engineer · Tehran, Iran

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SUMMARY

Backend engineer at Idekavan, leading Dobare — a multi-tenant customer-loyalty SaaS — and the cross-product messaging service behind it. Refactored a brownfield Django codebase on production into a domain-driven monolith, designed a nine-gateway payment subsystem, and led reliability work on the Go SMS service that cut analytic-store query load 85–95%.

SKILLS

Languages — Python · SQL · Bash · Go · JavaScript

Backend & async — Django · Django REST Framework · Celery · RabbitMQ · Flask · FastAPI · gevent · Kafka

Data — PostgreSQL · MongoDB · Redis · ClickHouse · MariaDB · Elasticsearch

Architecture & design — Domain-Driven Design · Brownfield refactoring on live production · Event-driven architecture · Hexagonal / clean architecture · Multi-tenant SaaS

Infrastructure & DevOps — Kubernetes · Docker · GitLab CI/CD · Nginx · Cloudflare · Linux

Observability — Prometheus · Grafana · Sentry · OpenTelemetry · ELK

APIs — REST · Webhooks · GraphQL · gRPC

Networking — TCP/IP · DNS · OpenVPN · IPSec

WordPress / WooCommerce — Plugin development with PHP, Composer, Gutenberg blocks, and REST controllers

AI / agentic — Claude Agent SDK · MCP

Leadership — Hiring · Mentorship · SDLC ownership · Stakeholder communication

EXPERIENCE

Idekavan Group — Technical Manager & Backend Developer (Dobare)

March 2024 – Present · Tehran, Iran

Dobare is a multi-tenant customer-loyalty SaaS for Iranian SMBs — automated SMS campaigns, behavioral segmentation, referral and cashback programs, and POS / WordPress / accounting integrations. Promoted to Technical Manager after six months as Backend Developer.

- **Refactored a brownfield Django codebase on production** using Domain-Driven Design and a feature-flagged dual-write migration; held availability above 99.9% throughout the cutover from MongoDB to PostgreSQL.
- **Architected the platform as a domain-driven modular monolith** of ~80 bounded-context apps with isolated per-domain async queues, running across ~45 pods on Kubernetes.
- **Designed the payment subsystem** that integrates **nine Iranian gateways** behind a single domain interface, with idempotency guarantees that prevent double-spend across providers.
- **Built and shipped the public Dobare WordPress / WooCommerce plugin** connecting **~300 active merchant sites** to the platform; PHP + Composer + Gutenberg block + REST controllers.
- **Hardened the company's cross-product Go SMS service** over ~1 year: fixed a webhook-vs-event-store race, isolated providers to eliminate head-of-line blocking, and **cut analytic-store query load 85–95%** with a targeted cache layer.
- **Built an internal cost-allocation tool** that attributes cluster spend per product line; the resulting visibility drove a **~30% reduction in cluster resource consumption**.
- **Owned the technical roadmap behind ~20× revenue growth** over three years, contributing to commercial decisions through MRR, COGS, and gross-margin reviews.
- **Designed the team's SDLC end-to-end** and introduced code-review and observability standards now used across services.
- **Led a four-person engineering team**, hired three engineers across multiple cycles, and present bi-weekly to executive stakeholders and to customers in pre- and post-sale technical conversations.

Idekavan Group — Software Engineering Intern

June 2023 – August 2023 · Tehran, Iran

- Joined as an intern to deepen fundamentals — software architecture, SDLC, query optimization, design patterns, async patterns, and DevOps tooling — under direct CTO mentorship; promoted to Backend Developer on Dobare three months later.

Ettesal Yekparcheh — Backend Developer (Video Cake)

March 2023 – May 2023 · Tehran, Iran

- Backend developer on a Django-based video conferencing platform deployed across Iranian government bodies and large organizations; built SSO integration and microservice-style REST APIs.

Maktab Sharif — Teaching Assistant & Lecturer

January 2023 – November 2023 · Tehran, Iran

- Taught Python, Django, and FastAPI across **three bootcamp cohorts (~120 students)** at Maktab Sharif — a project-based programming bootcamp whose graduates are placed at companies like Digikala, Snapp, and Nobitex; led live lectures and one-on-one mentoring.

EDUCATION

Islamic Azad University — BE in Computer Engineering · 2019 – 2020 (incomplete; left mid-program)

MILITARY SERVICE

Completed.