

# SINA AMAREH

Software Developer · Backend & AI

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## SUMMARY

Python developer with a Computer Science degree and around a year of professional experience, focused on backend services and LLM-powered applications. Comfortable with Django/DRF and FastAPI, and learning mainly by building — the open-source projects below are where ideas get tested and pushed toward production quality. Early in my career and still growing, but steady about shipping, writing tests, and seeing work through.

## SKILLS

- **LLM application engineering** — multi-provider integration with automatic failover and API-key rotation, RAG, prompt design, and token-budgeting to fit large inputs into model context windows.
- **Resilient backend services** — async APIs, background-job crash recovery (lease/watchdog patterns), retries, and graceful degradation under rate limits.
- **Web data extraction** — SSRF-safe fetching, anti-bot challenge handling, and scope-controlled crawling with per-field quality scoring.
- **Secure-by-default handling** — encrypted credential storage (Fernet), JWT auth, and secret redaction in logs.
- **Core tech:** Python, FastAPI, Django/DRF, PostgreSQL, Redis, Docker, SQLAlchemy/Alembic, Git, Linux.

## EXPERIENCE

### Software Developer — Dekamond

2025 (6 months)

Valiasr Square, Tehran · Hybrid

- Built AI and automation features for Kaleri.ai across business-intelligence tooling, RAG systems, and internal developer tools.
- Developed multi-provider LLM workflows (LangGraph, RAG) behind FastAPI services, integrating OpenRouter and Google AI.
- Cut LLM running costs by ~70% through model routing, caching, and prompt optimization.

### Django Developer (Backend) — Arnikup

2024 (6 months)

Remote · includes 2-month internship

- Built REST APIs for a food-delivery platform as part of a 5-person team (2 backend, 3 frontend).
- Worked across Django REST Framework, PostgreSQL, Redis, and Celery; containerized services with Docker.
- Collaborated via GitLab and Trello; tested with pytest and Postman.

## PROJECTS

### ScrapeGPT — self-hosted AI web data-extraction app

FastAPI · SQLAlchemy · React/TS

- Full-stack tool that turns any URL into structured data through a guided analyze → preview → extract workflow.
- Built for production: SSRF-safe fetching, anti-bot (Cloudflare/CAPTCHA) handling, crash-tolerant crawling, and encrypted bring-your-own-key credentials. [github.com/Sina-Amare/ScrapeGpt](https://github.com/Sina-Amare/ScrapeGpt)

### SakaiBot — AI Telegram userbot with multi-LLM support

Python · Telethon

- Multi-provider LLM bot that brings summarization, translation, analysis, image generation, and voice (speech-to-text / text-to-speech) to any Telegram chat — groups or direct messages.
- Engineered for resilience: automatic API-key rotation and provider/model failover keep it running through rate limits without restarts. [github.com/Sina-Amare/SakaiBot](https://github.com/Sina-Amare/SakaiBot)

### GitHub Code Review — automated technical-screening bot

Python · OpenRouter

- Clones a candidate's repository and runs role-aware LLM evaluation into a scored hiring report.
- Built on a clean ports-and-adapters architecture with multi-model fallback and token budgeting for large repos. [github.com/Sina-Amare/github-code-review](https://github.com/Sina-Amare/github-code-review)

## EDUCATION

### M.Sc., Software Engineering — Islamic Azad University

2025 – present

Science & Research Branch, Tehran

### B.Sc., Computer Science — University of Guilan

2020 – 2024

Rasht · Undergraduate research on Particle Swarm Optimization

## AWARDS & LANGUAGES

- 2nd place, team Python programming competition, University of Guilan (2023).
- **Languages:** English (Professional working proficiency) · Persian (Native).