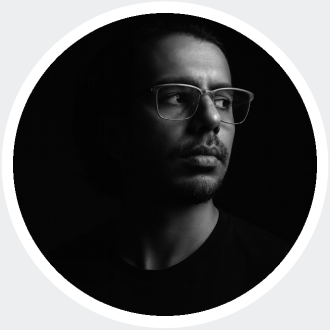


Sina Qasempour

Software Engineer

CONTACT

qasempoursina@gmail.com
Portfolio website
github.com/SinaQP
LinkedIn

LANGUAGES

Persian — native
English — EF SET C2, 72/100

SKILLS

Python · Django · FastAPI
TypeScript · React · Next.js · NestJS
PostgreSQL · SQL Server · SQLAlchemy
Pandas · NumPy · scikit-learn · Qiskit
Docker · Linux · Git

CERTIFICATES

IBM Data Science Professional Certificate
IBM · 2026

Machine Learning with Python
IBM · 2026

Foundations of Real World Math
Saylor Academy · 2026

Algebra: Elementary to Advanced
Johns Hopkins University · 2025

All 19 certificates →

Software engineer building backend and data systems since 2020. I lead an enterprise product, built core subsystems of a municipal revenue platform, and created SageQL. Open to research opportunities.

Experience

Rahtal — enterprise work management 2024 – present
Zaravand · Project lead · Data scientist · Full-stack
Own the design and run feature planning with the product owner; lead its AI features.

Zaraamad — municipal revenue platform 2023 – 2026
Zaravand · Full-stack developer
Built the trade, transferred-income and general duty subsystems, plus search over citizens' bills.

Danobin Startup
Chief Technology Officer
Technical direction; built subscriptions, credits and the email service.

Zarvand · Tireban
Zaravand · Frontend developer
Citizen-services and fleet tire-management web interfaces.

Independent software projects From 2020
The self-directed work that led to my role at Zaravand.

Research & Open Source

Quantum vs. classical kernel SVMs Sep 2026
Submitted to Machine Learning: Science and Technology (IOP); not accepted
Controlled benchmark on breast-cancer data; no quantum advantage found.
Repository

SageQL — text-to-SQL without model-written SQL 2026
PyPI · Live showcase
Correct reports rose from 8/27 to 22/27 with half the model calls.

Vue.js documentation, Persian Apr 2024
Translated the testing guide; merged pull request #185.

Education

B.Sc. completion program, Computer Engineering (Software) 2025 – 2027
Islamic Azad University · expected July 2027
GPA 93.95 / 100 (18.79 / 20) · Discrete Math and Advanced Programming 100/100

Associate degree, Computer
Chamran