Saeed Yari

Senior Software Engineer · Backend & DevOps · Payments

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SUMMARY

Senior software engineer with 8 years building payment, wealth management and social media automation platforms in Go, PHP and Python. Directs payments-domain design for a multi-tenant payment aggregator (ledger, USDT settlement, reconciliation, risk); previously scaled a wealth management platform to 600K+ verified users and cut webhook latency by up to 60% with queue-based processing.

SKILLS

Languages & Frameworks: Python (FastAPI, SQLAlchemy), Go (Golang: Gin, Kratos), PHP (Laravel), SQL, Java, Bash

APIs & Architecture: REST APIs, gRPC, OpenAPI, Domain-Driven Design (DDD), Modular monolith, Event-driven architecture, Apache Kafka, RabbitMQ, Transactional outbox, Multi-tenancy, Distributed locks, Architecture Decision Records (ADRs)

Databases: PostgreSQL, MySQL, MariaDB, Redis, MongoDB, Query optimization, Indexing, Stored procedures, Database migrations (Alembic, golang-migrate)

DevOps & Observability: Docker, Kubernetes, GitLab CI/CD, GitHub Actions, Jenkins, Ansible, HAProxy, Nginx, Amazon Web Services (AWS: S3, EC2, RDS, IAM), Prometheus, Grafana, ELK Stack, Sentry

Payments & Security: Double-entry ledger, Idempotency, Pay-In / Pay-Out, PSP integration design, Settlement, Reconciliation, Risk management, OWASP ASVS 5.0, PCI DSS v4.0.1 (scoping study), Role-based access control (RBAC)

Testing & Delivery: pytest, Testcontainers, PHPUnit, Test-driven development (TDD), SonarQube, Spec-driven development (OpenSpec), AI-assisted development (Claude Code, Cursor), Agile / Scrum

EXPERIENCE

Senior Software Engineer May 2026 – Present
Ronexer · Dubai, UAE (remote)

- Act as the team's payments-domain expert for ClearSettlePay, a multi-tenant payment aggregator (Pay-In/Pay-Out via PSPs, ledger, USDT settlement, reconciliation, risk), directing cross-team product and technical research.
- Build the Python 3.13 backend platform from an empty repo: FastAPI, async SQLAlchemy 2, PostgreSQL, Alembic, Testcontainers, mypy strict and a 10-check CI pipeline; Docker image cut from 514 MB to 224 MB.
- Author the product and technical explorations for 12 payment domains: 80 technical decisions, including an insert-only double-entry ledger with idempotency keys and timeouts treated as Unknown, never Failed.
- Drive platform decisions with the tech lead: 23 decisions (Decimal money for fiat and USDT, row-level tenant isolation, transactional outbox, PSP calls outside database transactions) captured in 14 ADRs (author of 7).
- Specify and build admin and merchant sign-in test-first: 40 requirements and 96 scenarios mapped to 13 OWASP ASVS 5.0 controls (TOTP 2FA, Argon2id, EdDSA JWTs, refresh-token reuse detection, CSRF checks).
- Review money-path designs before merge: found 6 blockers in the first-generation technical explorations and fixed balanced ledger postings with provider fees, Pay-Out idempotency and query-before-resend.

Development Team Lead Dec 2025 – May 2026
NovinHub · Tehran, Iran

- Led a 5-person development team refactoring the high-load PHP monolith behind a social media automation platform (10+ social networks) used by 300K+ businesses and millions of users.
- Redesigned the request lifecycle so heavy webhook processing (Telegram, LinkedIn) runs in background queue workers (Redis or MySQL backends per job), removing critical bottlenecks and cutting latency by up to 60%.
- Instrumented the PHP API with Prometheus (per-route request counts and latency histograms) and Grafana, and helped optimize the Kubernetes infrastructure and GitLab CI/CD pipelines, reaching 99.9% uptime.
- Extended Redis locks (SET NX EX) to 7 scheduled email and notification jobs, ending duplicate emails.

Senior Software Engineer Oct 2025 – Dec 2025
NovinHub · Tehran, Iran

Development Team Lead Nov 2021 – May 2025
Pinvest (Farabi Financial Group) · Tehran, Iran

- Led a cross-functional team of 4 engineers on the Pinvest wealth management platform; designed DevOps workflows and scaled it to 600K+ verified active users and 9M+ transactions.
- Monitored performance and throughput of backend services handling up to 500 requests per second (RPS) and fixed bottlenecks in sprint cycles to keep SLA compliance.
- Set engineering standards (code reviews, testing, documentation) that cut production incidents by 35%.
- Designed and implemented Jenkins CI/CD pipelines with automated tests, SonarQube code-quality checks and QA gates, lowering release risk and shortening release times.

Senior Software Engineer Aug 2021 – Nov 2021
Pinvest (Farabi Financial Group) · Tehran, Iran

Software Engineer Mar 2021 – Jul 2021
Agah e-Commerce Company · Tehran, Iran

- Developed backend services in Go (Gin) for a cryptocurrency swapper (trading) platform.
- Made key queries up to 86% faster by tuning high-load operations with triggers, events and stored procedures.
- Worked on the platform's AWS infrastructure (S3, an EC2 staging environment, Amazon RDS for PostgreSQL) and used Kong API Gateway for service discovery.

Software Engineer Apr 2019 – Dec 2020
Zoodipay (DPI Group) · Tehran, Iran

- Developed backend services for Zoodipay's Payment Facilitator (PF) system, including merchant management and Internet Payment Gateway (IPG) infrastructure used by 500+ business clients.
- Designed and implemented transaction, settlement, reconciliation and risk-management workflows in line with payment-industry security standards.
- Implemented Shaparak-compliant features that helped the company obtain its Payment Facilitator (PF) license.

Software Engineer Oct 2018 – Apr 2019
DPI (Data Processing Iran) · Tehran, Iran

- Customized the open-source Traccar GPS platform and built IoT modules for asset tracking and smart parking.

PROJECTS

DoctorPay (freelance) Aug 2025 – Sep 2025
Go, Kratos, gRPC, Protocol Buffers, PostgreSQL, GORM, Redis · doctorpay.ir

- Built most of the merchant module (~84% of its code) in a Go/Kratos modular monolith: 30+ gRPC/REST endpoints, contract-first in Protocol Buffers, with PostgreSQL migrations (GORM).
- Built fixed-window rate limiting (Redis or in-memory) with an AST-based Go code generator that creates the rate-limit decorators from service interfaces; added 17 PostgreSQL indexes.

EDUCATION

Bachelor of Technology (BTech) in Computer Software Engineering Sep 2021 – Jul 2024
Islamic Azad University, Central Tehran Branch · Tehran, Iran

Associate Degree in Computer Software Technology Sep 2015 – Jul 2017
Technical and Vocational University · Karaj, Iran

ADDITIONAL INFORMATION

Languages: Persian (native), English (B1), Turkish (B1)