Mohammad Matin Azimi

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Age: 29 | **Marital Status:** Single | **Military Service:** Exempt

About Me

Experienced Senior Backend Developer with 8+ years of expertise in Python and Go (Golang). Skilled in system architecture, distributed systems, high-performance applications, and automation. Passionate about designing scalable solutions, optimizing complex infrastructures, and solving challenging engineering problems.

Work Experience

Charisma Financial Services Group (2023-Present)
Software Engineer

- Developed a high-performance credit allocation system for stock market clients.
- Designed and implemented a high-throughput payment workflow for the credit allocation platform, capable of reliably handling approximately 150 requests per second under heavy load without response delays.
- Utilized distributed system design patterns including Saga orchestration, timeout management, retry mechanisms, fault tolerance strategies, idempotency controls, and asynchronous event-driven processing to ensure transactional reliability and service stability.
- Optimized large-scale data processing and real-time communication pipelines using Apache Kafka and broker-based architectures.
- Automated credit approval processes, reducing manual operational workload by 70% (based on support team operational reports).
- Designed scalable API services for financial transactions and internal banking operations.
- Led development of a real-time portfolio management system using Apache Kafka, enabling live portfolio updates and complex financial calculations for a large customer base.
- Contributed to the architecture and backend development of an advanced options trading platform focused on strategy optimization, real-time market data processing, quantitative analysis, and risk assessment modeling.
- Collaborated closely with the AI team to architect and develop backend services optimized for seamless LLM integration, scalable data pipelines, and reliable real-time streaming workflows.
- Improved system availability and operational resilience for AI-driven services by prioritizing high-availability architecture, reliable streaming infrastructure, service redundancy, and stable real-time data delivery.
- Redesigned and optimized multiple AI-related services and ETL pipelines to improve scalability, maintainability, performance, and architectural consistency across shared systems.
- Participated in cross-functional AI initiatives involving intelligent workflows, AI-powered business services, and integration of learning-based systems into production-grade applications.
- Designed and implemented a scalable service architecture for collecting, streaming, and processing enterprise-wide data for both internal systems and AI-driven applications using the Apache Kafka ecosystem.

Zibal Co (2021-2023)
Senior Backend Developer

- Designed and maintained secure payment services, including bank multiplexing.
- Devised 3+ new features, including cashback services, messaging services, and payment link services.
- Implemented a microservice architecture for Melli Bank services, reducing system latency by 60%.
- Built an application to monitor web service stability, increasing user engagement by 30%.
- Monitored services from 10 ISPs and provided automated quality updates.
- Implemented over 400 test cases, achieving 83% test coverage.
- Assisted DevOps in service deployment and debugging, improving system performance.
- Recruited and mentored 2 Python Developer Interns.

Irancell (Ariana) (2020-2021)
Backend Developer

- Developed ITIL-based service management applications integrated with JIRA.
- Built KPI tracking systems using LDAP and internal services.
- Created automated notification systems for real-time updates.

Chapino (2019-2020)
Backend Developer

- Created, planned, and managed advertising and marketing strategies for clients.
- Designed and developed websites tailored to various business needs.
- Led marketing and branding campaigns, including promotional initiatives.
- Conducted market research to identify strategic opportunities.
- Developed advertising plans and content for specific target demographics.
- Designed promotional materials and reviewed results with clients.

MAPSA HR (2018-2019)
Backend Developer (Intern)

- Designed an online ticket-selling website (Group project).
- Designed an online store (Individual project).
- Both projects were full-stack and implemented using REST API services.
- Gained experience in full-stack development and database design.

Independent Projects & Consulting

Provisional Real Estate Company Digital Transformation (Ongoing)
Founder / Lead Consultant / Backend Developer

- Engaged as lead consultant for a provisional company managing thousands of land-leasing customers using traditional, paper-based documentation and manual workflows.
- Conducted in-depth business analysis to identify process inefficiencies, client requirements, and opportunities for phased digital transformation.

- Designed a complete digital roadmap to migrate the organization from manual workflows to an integrated, web-based system with dedicated apps for customer interaction and data management.
- Defined detailed user journeys, registration flows, and data-handling processes to streamline customer onboarding and documentation.
- Organized and led a small team consisting of a frontend developer and designer, taking on multiple roles: business analyst, product owner, and backend developer.
- Architected the entire system, including backend APIs, services, and infrastructure, and created structured task breakdowns and deliverables for the team.
- Designed and implemented an MVP that not only met but exceeded the initial business needs, providing a scalable digital solution for registration, document management, and operational automation.

Education

MSc in Business Administration, Iran University of Science and Technology (2019-2021)
BSc in Water Engineering, Imam Khomeini International University (2015-2019)

Technical Skills

Programming: Python (Django, FastAPI, Flask), Go (Golang, Gin, Echo), JavaScript, Bash scripting
Databases: SQL (PostgreSQL, MySQL), NoSQL (MongoDB, Redis)
Tools: Apache Kafka, Celery, Docker, Nginx, Git, CI/CD pipelines
Cloud: Azure, Linux (Ubuntu)
Security: Digital signatures, non-repudiation, authentication protocols
Methodologies: Agile (Scrum), Microservices, Distributed Systems, Event-Driven Architecture, RESTful API design

Certifications

Advanced Python Programming, Quera (2022)
Task-Oriented Version Control with GIT, Quera (2022)