

Sepehr Rezaee

AI Engineer & System Architect

✉ sepehrrezaee2002@gmail.com

🌐 <https://sepehrrezaee.github.io>

🐙 [SepehrRezaee](#)

in [sepehr-rezaee](#)

Summary

Seasoned AI Engineer and System Architect with over 3 years of experience delivering scalable, high-performance software and machine learning solutions. Proven track record boosting user engagement by 25%, reducing deployment time by 40%, and cutting operational costs by 20%.

Core Competencies

Machine Learning & AI: Recommender Systems, NLP, LLMs (GPT, LLaMA, Falcon3, Qwen-2.5), Retrieval-Augmented Generation

Cloud & DevOps: AWS (SageMaker, EC2), GCP, Azure, Docker, Kubernetes, CI/CD

Software Engineering: Python, C#, .NET, FastAPI, Django REST Framework, BizAg

QA & Automation: Selenium, Robot Framework, Git, MLflow

Data & Databases: PostgreSQL (3 TB), MongoDB, Oracle, ETL

Leadership: Agile/Scrum, stakeholder management, team mentoring

Experience

- Aug 2024–Present **AI Engineer (Contract), PropTy Global, Remote**
- Developed AI-driven chatbot & recommendation engine, increasing user engagement by 25%.
 - Engineered FastAPI microservices with PostgreSQL (3 TB+) and MongoDB, ensuring API response times <100 ms.
 - Deployed AWS SageMaker pipelines on spot instances, reducing costs by 20%.
 - Containerized services with Docker & Kubernetes, cutting deployment time by 40%.
 - Implemented monitoring (Prometheus, Grafana, ELK) for 99.9% uptime.
- Mar 2023–Feb 2024 **Project Manager, NovaVira, Tehran, Iran**
- Led a 5-person team delivering a Django-based ML recommender with 85% precision & 75% recall.
 - Streamlined Agile workflows and CI/CD, reducing development cycles by 30%.
 - Architected GCP data pipelines processing 50 K+ records/day with 98% SLA compliance.
 - Met all milestones on time.
- Apr 2022–Sep 2022 **System Engineer, Mohaymen ICT, Tehran, Iran**
- Designed C# and BizAg workflows automating 10+ core processes, reducing execution time by 30%.
 - Improving system uptime by 15% and reducing support tickets by 40%.
 - Implemented Azure dashboards for real-time monitoring, boosting compliance visibility by 20%.

- Jan 2022–Jun **Process Developer, Mohaymen ICT, Tehran, Iran**
- 2022
 - Defined and implemented business processes in BizAgi, improving throughput by 25%.
 - Developed Azure-hosted analytics dashboards, reducing manual reporting by 50%.
- Oct **Software Developer & QA Tester, Valmart (Online exchange), Tehran, Iran**
- 2021–Mar
 - Built Python/Selenium test suites, increasing automation coverage from 60% to 95%.
- 2022
 - Identified over 200 defects, lowering regression rates by 70%.
 - Optimized Oracle queries, improving performance by 50%.

Education

2021–2025 **B.Sc. in Computer Science, Shahid Beheshti University, Tehran, Iran**
(expected) GPA: 3.4/4.0

Skills

Programming Python, C#, C++, Java, MATLAB

Frameworks PyTorch, TensorFlow, FastAPI, Django REST, Scikit-Learn, OpenCV

DevOps & Tools Docker, Kubernetes, Jenkins, GitLab CI, MLflow, Prometheus, Grafana

Databases PostgreSQL, MongoDB, Oracle

Cloud AWS, GCP, Azure

Languages Persian (Native), English (Professional)