

Behzad Azadi

Software Engineer

Contact Information

- **Phone:** (+98) 903-262-7632
- **Email:** behzad.azadi.tapeh.esmaeil@gmail.com
- **Location:** Tehran, Iran
- **GitHub:** behzad-azadi2693

Professional Summary

- Results-driven Software Engineer with extensive experience in designing, developing, and implementing innovative software solutions. Proficient in modern technologies and software engineering methodologies, excelling in problem-solving and performance optimization. Strong collaboration skills enhance team productivity, ensuring high-quality deliverables. Passionate about staying updated with industry trends and continuously improving skills to contribute to impactful projects and drive technological advancements.

Work Experience

- **Ertebat Afarinan Bi Enteha**
 - Co-founder | CTO
 - Tehran, Iran | April 2022 – Present
 - Implemented CI/CD pipelines with Docker and GitLab-CI, cutting deployment time by 50% and minimizing errors by 15%. • Managed the team and monitored project execution and progress.
 - Provided guidance and support to team members to ensure project goals and deadlines were met.

- **Lavisan**

- Senior Technical Expert
- Tehran, Iran | September 2022 – November 2023
- Designed GIS applications to improve spatial data representation, enhancing decisionmaking efficiency by 30%.
- Transformed server performance and reliability
- Developed NLP algorithms for address parsing and integrate with elasticsearch and haystack for spell correction.
- Spearheaded GIS web application development using GeoDjango and PostGIS, enhancing data analysis.

- **Iranian Technology Services**

- Senior Technical Expert
- Tehran, Iran | January 2023 – Present
- Engineered enterprise web applications with Django and DRF, improving customer satisfaction by 25% and reducing page load times by 40%.
- Directed the transition to a microservices architecture, scaling operations by 50% and reducing costs by 20%.
- Crafted strategic technology roadmaps, aligning IT initiatives with business goals and accelerating project delivery by 30%.

- **codecrafters**

- The founder of the website
- Iran | June 2023
- Managed the website development and support team.
- Oversaw website content management.
- Supervised study groups, monitoring learning and educational processes.

- **Freelancer**

- Web Developer
- Iran | March 2018 – November 2022
- Optimized e-commerce search engines, achieving a 100% improvement in accuracy and speed, and increasing user retention by 20%.
- Enhanced Python-based web services, reducing maintenance costs by 20% and boosting performance by 30%.

Technical Skills

- Programming Languages:

- Python, SQL, JS, Bash Script

- Frameworks:

- Django, DRF, FastAPI

- DevOps & CI/CD:

- Docker, Kubernetes, Git, GitLab-CI

- Databases:

- PostgreSQL, MongoDB, Redis

- Tools & Technologies:

- Ansible, Nginx, Elasticsearch, Haystack, uWSGI, Minio, Celery

- Geographic Information System (GIS):

- GeoDjango, PostGIS, GIS, OSM

- Operation System:

- Linux (Advanced), LPIC-1

- Methodologies:

- Agile, Scrum, SOA, Microservices, Domain-Driven Design (DDD)

- Testing:

- Unit Testing, Integration Testing, Test-Driven Development (TDD), Behavior-Driven development (BDD)

- Data Analysis & Visualization:

- Grafana, Loki, Telegraf, InfluxDB, ELK Stack (Elasticsearch, Logstash, Kibana)

- AI:

- ML, NLP, ANNs (beginner)

Projects

1. E-commerce Platform Optimization

- Led efforts to enhance search functionality, achieving a 40% increase in speed and accuracy with Elasticsearch and a 25% boost in sales conversion.

2. Microservice Architecture Implementation

- Guided the transition of legacy systems to microservices, reducing load times by 30% and operational costs by 15% using Docker.

3. GIS Web Application

- Designed a geographical banking panel to manage different bank branches.

4. NER Web Application

- Developed a web application to recognize Persian language address identities.

5. Spelling Correction System

- Implemented a spelling correction system for Persian addresses by combining a morphological layer algorithm with Elasticsearch and Django for the online web section

6. Startup

- Built an educational and learning startup web application.

7. Architecture Store

- Changed the logic to a CQRS pattern using Elasticsearch and Haystack, achieving a 100% increase in response speed, and implemented a fuzzy search approach.

8. Operational CRM

- Implementation of an operational CRM for receiving customer requests and establishing direct communication with the finance, sales, and technical departments on a microservices architecture

9. Cloud ERP

- Writing a cloud ERP for internal management of a poultry farm system to facilitate communication between the laboratory unit, workers, investors, and managers of the breeding cells.
- Writing a sample cloud ERP for managing a medical clinic and facilitating communication between managers, employees, and investors, with the ability to upload large files and store them in MinIO.

Education

- **Diploma in Experimental Sciences**
 - Yazdanpanah High School, Sanandaj, Kurdistan, Iran
- **Associate in IT**
 - University of Applied Science and Technology Art & Culture, Sanandaj, Kurdistan, Iran | 2016 – 2018
- **Bachelor of Technology, Software Engineering**
 - Yazdanpanah University, Sanandaj, Kurdistan, Iran | 2018 – 2020

Languages

- **Persian:** Native
- **Kurdish:** Native
- **English:** proficient