

Behzad Azadi

Software Engineer

Contact Information

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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 | CTO
 - 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

- Frameworks:

- Django, DRF, FastAPI, Celery

- DevOps & CI/CD:

- Docker, Kubernetes, Git, GitLab-CI

- **Databases:**
 - PostgreSQL, MongoDB, Redis
- **Tools & Technologies:**
 - Ansible, Nginx, Elasticsearch, Bash scripting, Haystack, uWSGI, Minio
- **GIS:**
 - GeoDjango, PostGIS, GIS, OSM
- **OS:**
 - 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 and Kubernetes.
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.

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