

Behzad Azadi

Software Engineer

Contact Information

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Professional Summary

Accomplished Software Engineer with over 5 years of experience delivering high-impact software solutions. Proficient in Python, Docker, and microservices architecture, with a track record of driving a 30% increase in system efficiency and a 25% boost in user satisfaction. Skilled in leading teams and executing strategic initiatives to achieve organizational goals.

Work Experience

Ertebat Afarinan Bi Enteha

Co-founder and 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%.

Lavisan

Senior Technical Expert

Tehran, Iran | September 2022 – November 2023

- Designed GIS applications to improve spatial data representation, enhancing decision-making 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.

Iraninan Technology Services

Senior Back-End Developer

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 and channel

Tehran, 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

Tehran, Iran | March 2020 – 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

- **Frameworks:** Django, DRF, FastAPI, Celery

- **DevOps & CI/CD:** Docker, Git, GitLab-CI

- **Databases:** PostgreSQL, MongoDB, Redis

- **Tools & Technologies:** Ansible, Nginx, Redis, Elasticsearch, GeoDjango, PostGIS, GIS, Bash scripting, Haystack, uWSGI, Minio

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

- **Testing:** Unit Testing, Integration Testing, Test-Driven Development (TDD)

- **Data Analysis & Visualization:** Grafana, Loki, Telegraf, InfluxDB, ELK Stack (Elasticsearch, Logstash, Kibana)

- **AI:** ML, NLP, ANNs (for 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**

- Designing a geographical banking panel to manage different bank branches

4. **NER web application**

- NER web application to recognize Persian language address identities using

5. **startup**

- Educational and learning startup web application

Education

Bachelor of technology software engineer

Yazdanpanah University, Sanandaj, Kurdistan, Iran | 2018 – 2020

Associate in IT

University of Applied Science and Technology Art & Culture, Sanandaj, Kurdistan, Iran | 2016 – 2018

Languages

- **Persian:** Native

- **Kurdish:** Native

- **English:** proficient