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%.

- **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
  - ➢ <u>Tehran, Iran | January 2023 – Present</u>
  - • 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
  - ➢ <u>Iran | June 2023</u>
  - • Managed the website development and support team.
  - • Oversaw website content management.
  - • Supervised study groups, monitoring learning and educational processes.

- **Freelancer**
  - ➢ Web Developer
  - ➢ <u>Iran | March 2020 – November 2022</u>
  - • 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)
- **Data Analysis & Visualization**: Grafana, Loki, Telegraf, InfluxDB, ELK Stack (Elasticsearch, Logstash, Kibana)
- **AI**: ML, NLP, ANNs (beginner)

Projects

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

2. **MicroserviceArchitectureImplementation**
   - ➢ 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