Behrad Saraiyeh

+98-9912513588 · b.saraiyeh@gmail.com · linkedin.com/in/behrad-saraiyeh · github.com/Behradsa
Karaj, Iran

SUMMERY

Software engineer with more than **3 years** of experience, focusing on **Backend** and **DevOps**.

PROFESSIONAL EXPERIENCE

Software Engineer   Nov 2024 - Present
Garno Pragas | gapcom.ir

Version Control & CI/CD

- Developed a **Git Branching Strategy** with automated **Semantic Versioning** for streamlined releases.
- Designed and implemented a **GitLab-CI** pipeline to:
  - **Build** and **deploy** *Spring Boot* **monolithic** and **microservices** applications to test and production environments**.**
  - Saves artifacts in a **Nexus repository** for version control and package management.

Containerization & Infrastructure

- Configured **NGINX** for **domain management**, **routing**, **SSL**, and **load balancing**.
- Created **Docker and Docker Compose** configurations for a **Spring Boot** Java application.
- Managed **MariaDB**, **MySQL**, and **MongoDB** databases optimizing performance.
- Administered **ESXi** VMs, improving resource allocation and efficiency.
- Configured and maintained **Ubuntu and Debian VMs**, ensuring secure and optimized environments.

Monitoring & Automation

- Integrated **Grafana Loki** into Spring Boot applications for **real-time log monitoring**.
- Implemented a **Java Monitoring** stack using **Prometheus** and **Grafana**, enhancing visibility into performance.
- Managed infrastructure configuration using **Ansible + Semaphore(UI)**, maintaining environment states as code.
- Implemented **Liquibase** in Spring Boot projects for **automated SQL change** execution and **validation.**
- Automated a **3-2-1 Backup Strategy** using **Python** and **Bash** scripts.

Backend Development

- Developed a **Django REST API** with (**JWT**, **RSA + AES** encryption) to manage and securely serve application files.
- Developed a **Spring Boot REST API** to manage and serve database backups, secured with **HTTP Basic Auth**.

Security & Compliance

- Contributed to **security** hardening for the **Afta Certification**, focusing on **NGINX**, **databases**, and **Linux firewall** layers to meet compliance requirements.

Web Developer | React   Sep 2024 - Nov 2024
Freelance

- Coded a **7+** page **Responsive** portfolio website (**ReactJS,Docker,Github ci,Figma)** on **parsa-sa.com**

Backend Developer | Djnago : Intern   May 2024 - Sep 2024
Amatis Dana Tech

Some of Technologies & Skills Gained:

- **Django**, **DRF**: Built robust **REST APIs** with serializers.
- Implemented secure **JWT-based auth** using pyjwt.
- Integrated **Redis** for performance optimization.

Project: CRM System (Amatis)

- Designed and **Normalized** a **relational database** (12+ tables) with **ERD**.
- Developed a **microservices-based roadmap**, **modularizing** the system into four core services.

Programming Instructor   Feb 2022 - Mar 2024

Raymand Robot

Taught Python and Arduino from basic to advanced to over 200 students:

- **Data structures and algorithms** (array, linked list, stack, queue, ...)
- **Object-oriented programming** (classes, inheritance, methods)
- **Programming principles** (clean code, DRY, SOLID, ...)

EDUCATION

B. S. Computer Engineering   Jan 2024 - Present
Islamic Azad University, Karaj

B. S. Mathematics   Sep 2022 - Jan 2024
K. N. Toosi University of Technology, Tehran