Soheil Yousefi

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🥧 Experience

UKG | *HRM & WFM*
Backend AI Software Developer
Montreal, Canada
Mar 2025 – Present

> Contributed and developed a **RAG** backend application on FastAPI using **LangChain** with Google LLMs
> Collaborated and developed an **Agent** backend orchestration based on **LLM** using **LangGraph** on FastAPI
> Designed and lead a centralized conversation storage application across the tech team (**FastAPI**, MongoDB)
> Followed engineering standards and best practices to maintain a clean codebase with >98% coverage
> Mentored a group of interns and helped them learn engineering fundamentals in practice
> Reviewed and improved several high level and low level technical designs

Secureauth | *cybersecurity*
Backend Software Engineer
Montreal, Canada
Apr 2022 – Mar 2025

> Designed and lead an **Intelligent Risk Engine Application** leveraging both Rule-based and ML-based risk assessments (Python, FastAPI)
> Refactored a backend machine learning application (Training and Inference) to save 40% development time by creating an **Object Oriented design**
> Reduced inference time by 30% using OTEL traces and metrics
> Composed and executed end-to-end **ETL** processes using **AWS services** and **Bento** to digest more than 100 records per second
> Optimized **CI/CD** scheme to lower deployment time by 30%
> Helped DevOps to diagnose and identify networking issue between multiple AWS accounts

Digikala | *e-commerce*
Backend Software Engineer
Tehran, Iran
May 2021 – Dec 2021

> Restructured the parcel packing module to support 70% more user **concurrency** (PHP)
> **Diagnosed** and redesigned code workflows to reduce stock discrepancies by 50% (PHP)
> Helped Product and Business team with translating their requirements into engineering requirements

Data Engineer / Analyst
Jul 2018 – May 2021

> Created data backbone using MySQL and Clickhouse database to get real time data by 100% improvement (Pandas)
> **Supervised** a team of 3 people to facilitate data-driven decision making by building reports (SQL)
> Spun up a Microsoft SQL reporting server along with other containerized services to support real time reporting

⚙ Skills

Languages Python, Go, PHP, Bash, C/C++	**Frameworks** FastAPI, Flask
Tools Docker, Kubernetes, AWS, GCP, Kafka, Unix Shell, Bento	**Paradigms** SOLID, TDD, Agile
Databases Postgresql, MongoDB, Redis, MySql, ElasticSearch	
Soft Skills Collaborate, Leadership, Problem-Solving Mindset, Ownership, Adaptability	

🎓 Education

Sharif University of Technology
Bsc. & Msc. in Aerospace Engineering
Tehran, Iran
2019