

Hadi Sinaee

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SUMMARY

I have an **M.Sc.** in **Computer Science** with **7 years** of **software engineering** experience and expertise in **data structures, algorithms, and software engineering practices**. I excel in driving technical decisions and managing projects (research/industry). My interests span a wide spectrum of systems areas, including *MLSys*, *SysML*, *Distributed Systems*, *Databases*, and *Operating Systems*.

EXPERIENCE

- **Systopia Lab.** | **University of British Columbia** **Vancouver, Canada**
- *Systems Researcher*
Jan 2021 – Oct 2023
 - Conducted research on graph processing systems and partitioning algorithms.
 - Developed a graph partitioner that achieved 70% higher quality partitioning than the baseline.
- **Torob Inc.** | **Intelligent Search Engine For Online Shopping** **Tehran, Iran**
- *Sr. Software Engineer | Product Team*
Apr 2020 - Dec 2020
 - Led Sr. Software Engineers and Designers for a **9M+** user product.
 - Implemented data-driven solutions, cutting user complaints by **30%**.
 - Devised and Implemented a shop ranking system, boosting click rate by **10%**.
- **Ostadkar.pro** | **The Largest Marketplace For Home Services in Iran** **Tehran, Iran**
- *Chief Technology Officer*
Mar 2019 - Feb 2020
 - Led cross-functional teams in engineering, product, and data analytics for a **1M+** user marketplace.
 - Scaled successfully the technology and product teams by a factor of 5 within 6 months.
 - Led senior interviews, calibrated practices, and shaped hiring initiatives.
 - Led the successful transition from a monolithic architecture to a microservice-based architecture.
- *Sr. Software Engineer*
Jul 2018 - Mar 2019
 - Designed and implemented the marketplace software for beauty products.
 - Generated **50%** more orders and tripled supplier count.
 - Influenced product decisions/scope, evaluating technical tradeoffs for rapid customer value.
- **HodHod** | **Messaging Application** **Tehran, Iran**
- *Co-founder and CTO*
Jul 2015 – Jul 2018
 - Secured consecutive funding (A, B, C) from top VCs and accelerators.
 - Implemented distributed messaging architecture.
 - Attained **200K+** DAU and **2M+** installs with over **1M** users.
- **Miras Technologies** | **Big Data Platform** **Tehran, Iran**
- *Data Scientist*
Jun 2015 – Jan 2016
 - Executed end-to-end ML projects for customer classification and weather pollution prediction.
 - Implemented predictive weather models, providing insights for Tehran Municipality.

EDUCATION

- **University of British Columbia**
M.Sc. Computer Science, Systems, supervised by Prof. Margo Seltzer
Jan 2021 – Oct 2023
- **Sharif University of Technology**
M.Sc. Artificial Intelligence (Machine Learning)
Sep 2013 – Feb 2016
- **University of Kashan**
B.Sc. Software Engineering, ranked 1st in class of 2013
Sep 2009 – Sep 2013

TECHNICAL SKILLS

Programming: Go, Python, Java, JavaScript, C/C++, Bash

Technologies: Git, Docker, Kubernetes, gRPC, Kafka, PostgreSQL, SQLite, MongoDB, Redis, Django, Flask, Apache Parquet, HDFS, etcd, fluentd, Prometheus, Knative, Perf, GDB

Libraries: OpenCV, Numpy, Scipy, Pandas, OpenMP, networkx, graphical_model_learning, PyTorch

Misc.: Gitlab CI/CD