

Hadi Sinaee | Sr. Software Engineer

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SUMMARY

With a robust background spanning **7 years** in the dynamic tech industry, my focus has been on excelling in **software engineering**, **technical product management**, **technology leadership**, and **data science**. My contributions encompass a range of achievements, including the implementation of data-driven solutions, the orchestration of team scaling initiatives, and securing funding for highly successful projects. A key aspect of my skill set revolves around building and leading cross-functional teams, designing robust and scalable architectures, and harnessing the power of machine learning techniques to drive innovation.

EXPERIENCE

- **Systopia Lab. | University of British Columbia** **Vancouver, Canada**
- *Software Systems Researcher* *Jan. 2021 – Oct. 2023*
 - Conducted research on graph processing systems and partitioning algorithms.
 - Developed a novel graph partitioner for efficient partitioning of large graphs as part of my dissertation.
- **Torob Inc. | Intelligent Search Engine For Online Shopping** **Tehran, Iran**
- *Senior Product Manager* *Mar. 2019 - Dec. 2020*
 - Constructed a product management workflow utilizing GitLab's issue tracker.
 - Implemented data-driven solutions to enhance shop ranking, resulting in a 30% decrease in complaints.
- **Ostadkar.pro | The Largest Online Platform For Home Services in Iran** **Tehran, Iran**
- *CTO and Product Director* *Mar. 2019 - Feb. 2020*
 - Led and managed cross-functional teams including engineering, product, and data analytic.
 - Scaled successfully the technology and product teams by a factor of 5 within a span of 6 months.
- *Data Product Manager* *Jul. 2018 - Mar. 2019*
 - Implemented a data-driven go-to-market strategy and pricing strategy for beauty services.
 - Achieved a 50% increase in the number of orders and a three fold increase in the number of suppliers.
- **HodHod | Messaging Application** **Tehran, Iran**
- *Co-founder and CTO* *Jul. 2015 – Jul. 2018*
 - Secured consecutive funding (A, B, C) from prominent venture capitals and startup accelerators.
 - Implemented a distributed architecture for the instant messaging, enabling efficient and scalable operations.
 - Achieved a user base of over 200K Daily Active Users (DAU), with more than 500K installs.
- **Miras Technologies | Big Data Platform** **Tehran, Iran**
- *Data Scientist* *Jun. 2015 – Jan. 2016*
 - Developed and deployed machine learning models to perform classification and clustering of customers for a private bank.
 - Built a predictive model for weather pollution, providing valuable insights and predictions for Tehran Municipality.

EDUCATION

- **University of British Columbia**
M.Sc. Computer Science, Systems, supervised by Prof. Margo Seltzer *Jan. 2021 – Sep. 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 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, Perf, GDB

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