

# Saman Fekri

Software Engineer

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Location: Italy, Milan | Born: 15.06.1995

## Summary

Highly skilled and motivated software engineer passionate about problem-solving and creative solutions. Enthusiastic about collaborative teamwork, showcasing strong skills in that domain. Confident in decision-making, with the experience to take on leadership roles within a team. Having a solid foundation in computer science, along with expertise in full-stack development and artificial intelligence. Committed to delivering high-quality code and continuously seeking improvement.

## Communication

English:	Advanced
Persian:	Native
Italian:	Intermediate

## Technical Skills

- *Programming Languages*: NodeJS, Python, GO, JavaScript, Java, ...
- *Frameworks & Libraries*: Vue.js, Angular.js, tailwind css, pytorch, numpy, ...
- *Databases & Storage*: SQL, Redis, MongoDB, BigQuery, S3, GCS, ...
- *DevOps & Deployment*: Linux, Docker, Nginx, Github Actions, Microservice ...
- *Version Control & Monitoring*: Git, BitBucket, GitLab ...
- *Messaging Systems*: REST Api, GraphQL, RabbitMQ, ...

## Recent Experience

### • Software Engineer

[310.ai](#) | March 2022 – Sep 2023 | United states

- Integrated huge data from various sources and unified them in the bigquery (+10TB text data).
- Developing Cutting Edge Artificial Intelligence and LLMs techniques for protein design.
- Create fetching algorithm to fetch data from huge database in less than 10ms increase speed 80%.
- Working with different cloud platforms GCP and AWS.

### • Full-stack Engineer

[Deesup.com](#) | July 2021 – March 2022 | Italy

- Designed and implemented the new platform architect with NodeJS.
- Improved the latency of loading site from 30s to 1s.
- Using the CI/CD and github actions to automatic testing and deployment of the project.

### • Software Engineer

[sanjagh.com](#) | Sep 2018 – Feb 2020 | Iran

Sanjagh is an Ad-Network like Outbrain, AdRoll and Taboola, built on top of Digital Ocean Cloud Servers.

- Led the transition from monolithic to microservices architecture using Golang.
- Implemented a scalable solution, could handle almost 5000qps requests and reducing costs 60%.
- Design the Microservice architecture and work as senior developer.
- Implement some Recommender system Idea's which improved the CTR of company ~2.5-3 times.

## Education

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- **Polytechnico di Milano, M.Sc.,** Computer science and engineering | Feb 2020 – Jul 2024
  - Attend courses Datamining, Machine Learning, Data Analytics, Recommender systems, ...
  - Thesis in ControlNet which is an Artificial Intelligence using Long Language Models (LLMs)
- **Amirkabir University of Technology, B.Sc.,** Software engineering | Sep 2013 – Sep 2017
  - Ranked top 3 in my entrance (GPA = 3.86/4.00)
  - Attend courses Datamining, Artificial Intelligence, Web programming, Software engineering ...

## Interests

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- Take ownership of projects for success and team enhancement, engaging in large-scale impactful endeavors.
- Collaborate on clean code, optimization, and maintainability.
- Working with AI and recommender systems for project improvement.
- Engaging in brainstorming, team conversations, creating a positive working environment for the benefit of all.

## Hobbies

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Solving problems like escape rooms, programming the personal projects.