

HANIEH SALMANTAHERI

SOFTWARE DEVELOPER

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Professional Summary

Master's student in Software Engineering at Concordia University, expected to graduate by Spring 2026, with prior experience as a Python-focused software developer. Skilled in developing scalable, microservice-based applications with an emphasis on user data privacy and high-performance API solutions and actively learning about cloud technologies to expand technical capabilities. Passionate about aviation, sustainability, and emerging technologies, I am experienced in working in an agile environment and familiar with remote work dynamics. I am a fast learner and a collaborative team member committed to deadlines and delivering high-quality code.

Skills

Programming	Python, Java
Frameworks	Django, Django Rest Framework, Play Framework, FastAPI, Flask
Databases	PostgreSQL, MongoDB, Elasticsearch, Redis, Amazon S3
Tools	Apache Kafka, RabbitMQ, Grafana, Kibana, Prometheus, Git, Docker, GitlabCI
Development Skills	Test-Driven-Development (TDD), Version Control, Test and Debug
Soft Skills	Problem-solving, Team Collaboration, Critical Thinking, Responsible

Work History

Backend Developer (Python), Karnameh

April 2023 to March 2024

- Developed back-end of a trusted application using **Python** and **Django**, ensuring user data privacy and integrating a notification system to assist people in buying and selling cars through services like on-site car inspection experts and sales assistants.
- Developed services based on **microservice** architecture to ensure **scalability** and **maintainability** of the application and deployed **RESTful APIs** to support seamless communication between services and third-party applications
- Implemented monitoring systems for vehicle parts orders, enabling real-time tracking and status updates to improve user experience and operational efficiency.
- Enhanced system performance by optimizing database queries and implementing caching mechanisms.
- Collaborated with cross-functional teams to define requirements, identify bottlenecks, and deliver high-quality features within deadlines.

Software Developer (Python) - Hamrahe Aval (MCI)

November 2021 to March 2023

- Developed the back-end of the Media Tab for Zarebin, which collects relevant information from the web and social networks in a specialized way.
- Development of highly available API Gateway with over **250** requests per second using **Python** and **FastAPI**.

- Design and implement social media and web crawling services such as Instagram, Telegram, and YouTube crawlers and improve the crawl rate up to **3** times using message brokers to exchange data between **microservices**.
- Implemented a monitoring system for incidents capable of automatically notifying and calling the service owner when incidents occur, minimizing downtime, and ensuring prompt resolution.

Education

Master of Engineering, Software Engineering **2024/Present**
Concordia University - Montreal, QC, Canada

Bachelor of Engineering, Computer Engineering **2015/2020**
Iran University of Science and Technology - Tehran, Iran

Languages

- **English**, Fluent
- **French**, (Intermediate, improving proficiency)
- **German**, Conversational