

---

# FEDOR KORSHUNOV

Software Architect, Engineer, and Manager

## Details

mail@fedor.cc  
+852 6403 8877  
Hong Kong

## Nationality

Russia

## Languages

English — fluent  
Russian — native

## Skills

Agile Development  
API Design  
Backend Architecture  
Software Architecture  
Software Design  
Team Leadership  
Technical Hiring

## Tech Skills

Docker  
JavaScript  
MongoDB  
Node.js  
Redis  
Vue.js

## PROFILE

Fedor has 12 years of professional experience in software engineering, including 6 years as a manager. He designs robust, scalable, and cost-effective backend solutions, creates and manages software engineering teams.

Fedor worked for Intel Corp. and leading Hong Kong startups, Aftership and Lalamove.

## EXPERIENCE

### Lalamove, Hong Kong

04/2020 – 02/2021 — Solution Lead, Lalamove+

05/2019 – 03/2020 — Engineering Manager, Platform

01/2017 – 04/2019 — Software Team Leader

Lalamove is one of the major on-demand delivery platforms in SEA and a recent Hong Kong "unicorn". Joined as a team leader, later transitioned to engineering manager. Established and improved various parts of the software development process, hired and on-boarded software teams, act as an architect and manage Platform organisation. Later lead a team and launched a new greenfield project.

### Key achievements — process

- Setup engineering standards
  - test automation, coding guidelines, API design standards
- Introduced cross-functional feature teams
  - reduced cross-teams dependencies
- Setup regular and one-off engineering training sessions
  - test automation, engineering practices, internal on-boarding
- Setup quality control measures
  - review and approval process for API changes
  - merge request and deployment checklists
  - canary deployments
  - feature flags
  - CI/CD pipelines
- Defined engineering hiring process
  - source channels of candidates
  - technical challenges
  - interview questions

---

### Key achievements — product

- Fixed stability problems of a key legacy system: MongoDB queries refactoring and architecture revamp
- Proposed, launched, and integrated configuration panel for operational requests: price changes, service type adjustments, etc.
- Removed dependency on tech team for product expansion to new cities in existing markets. Reduced dependency on platform tech team for expansion to new countries, from ~3 weeks and half of the tech team to 1 engineer and less than 1 week
- Lead tech team and launched Lalamove+, enterprise solution for high-profile clients

### Responsibilities

- Build and run full-stack teams
- Manage and grow Platform department, ~30-40 engineers
- Manage tech debt backlog
- Review, correct, and improve architecture and API proposals
- Act as a hiring manager for backend software engineers

### Aftership, Hong Kong

#### 09/2014 – 11/2016 — Senior Software Engineer and Team Lead

Aftership is a world-leading shipment tracking platform. Joined as a senior engineer, later transitioned to team leader. Build the Aftership plugin system foundation and key parts of [postmen.com](https://postmen.com), shipping label generation platform.

### Key achievements

- Upgraded and unified Aftership eCommerce integration platform [aftership.com/apps](https://aftership.com/apps)
- Designed architecture of [postmen.com](https://postmen.com) to provide easy integration of new delivery services with minimum tech team involvement

### Responsibilities

- Manage software developers team
- Design and implement backend systems architecture and interfaces
- Guarantee quality and feature completeness
- Guide junior engineers
- Technical assessment of engineering candidates

Key technologies: Node.js, Beanstalkd, Docker, AWS API, Python (fabric), PDF and barcodes generation, web scraping (crawling)

---

### **Anix LLC, Russia**

02/2014 – 07/2014 — **Software Engineer**

Created scalable AWS-based backend solutions.

- Created data models, import data from external sources
- Implemented and documented RESTful API
- Provided server configuration

Key technologies: Python, Flask, MongoDB, Redis, AWS

### **Black Cat LLC, Russia**

12/2012 – 01/2014 — **Software Engineer**

Implemented components for an asynchronous and scalable backend.

- Created unified data models for various social media platforms
- Designed and implemented unified API for social media content creation
- Implemented automatic aggregation of social media content
- Implemented backend components communication via Redis PubSub
- Implemented client-server communication with WebSockets

Key technologies: Python, Twisted, MongoDB, Redis, WebSockets, Twitter API, VK API

### **Intel Corporation, Russia**

03/2011 – 12/2012 — **Software Engineer**

04/2009 – 03/2011 — **Software Engineering Intern**

Worked on premium content protection systems

- Implemented various parts of content protection protocols
- Provided bug fixes, performance improvements, resolved race conditions
- Implemented kernel/driver level cross-platform code (Linux and Windows)
- Implemented infrastructure automation scripts and build scripts
- Performed static code analysis. Fixed identified problems

Key technologies: C, crypto APIs (IPPCP), SCons build system, Python, Bash, Batch, Valgrind, Klocwork

## **EDUCATION**

National Research Nuclear University MEPhI — **Engineer's Degree, 2011**