



Timofei Tipishev

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- Senior Python/Erlang developer
- Data Scientist/Engineer
- Tech workshops speaker
- JavaScript, Vue.js amateur
- PICO-8/Forth/Monkey C/Haskell hobbyist

WORK EXPERIENCE

- | | |
|---------------------------|--|
| Klarna
2022 – present | Associate Engineering Manager -> Senior Software Developer <ul style="list-style-type: none">• Migrated a 4-person Java development team into data engineering• Built high cardinality pipelines with PySpark, Terraform, and AWS Glue/Athena• Revived and repurposed an abandoned Glue/PySpark framework• Migrated analytical batch pipelines to a new runtime |
| 2020 – 2022
Kivra | Erlang Developer / Kivra+ Backend Dev Lead <ul style="list-style-type: none">• Coordinated backend development in a cross-functional team• Integrated with Google Play and App Store to enable paid subscriptions• Developed backend logic for paid subscription features using Erlang/OTP, Cowboy, and Riak |
| 2016 – 2020
Sportamore | Senior Software Developer <ul style="list-style-type: none">• Created and launched internal services<ul style="list-style-type: none">– supplier orders recommendation service (Flask, scikit-learn, Vue.js)– reporting workflows runner (Apache Airflow, Google Sheets)– drag-and-drop promotional emails creator (Django, Vanilla.js)– product prices control center (Django Rest Framework)• Maintained and improved internal services<ul style="list-style-type: none">– data warehouse (Python 3, Flask, SQLAlchemy, RabbitMQ)– warehouse management system and customer-facing commercial front (Django)– deployment server (Fabric, custom blueprints) |
| 2015 – 2016
Paxport | Java Backend Developer <ul style="list-style-type: none">• Developed airplane seats booking backend using Java8/PostgreSQL/Spring/Vert.x• Integrated booking backend with J2EE-monolith using Vert.x (eventBus/HTTP)• Developed and supported Java-applications within the monolith |
| 2014 – 2015
Yandex | Python/Flask Backend Developer <ul style="list-style-type: none">• Developed and launched a Python/Flask/MongoDB/Celery web service• Integrated with internal services Yandex.Music, Yandex.News, etc.• Created data importers from XML, JSON, and custom APIs |

EDUCATION

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| 2020 | Reinforcement Learning Specialization
University of Alberta on Coursera |
| 2013 – 2015 | Diploma
Yandex School of Data Analysis |
| 2011 – 2013 | Master's degree, Systems Science
University of Ottawa |
| 2006 – 2010 | Bachelor's degree, Mathematics / Business Administration
University of Waterloo |