# Arthur Kushka.

senior backend engineer

## contact.

Munich, Germany
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https://archdev.me

## bio.

I am experienced engineer and public speaker specialized in distributed systems and functional programming in Scala. Open-source contributor. Interested in development of stateful, high-load distributed systems.

## skills.

- CQRS, Event-Sourcing, Distributed systems
- JVM, Scala, Java Core
- Akka, Play2 Framework
- JavaScript (ES6), React
- Cassandra, DynamoDB, Kafka
- ElasticSearch
- Docker, Docker Swarm
- AWS, Linux

## profiles.

- GitHub profile: ArchDev
- Medium profile: @Arhelmus
- Speaker deck profile: ArchDev

## education.

**Bachelor's degree in Computer Science**

Oles Honchar Dnipro National University

# expirience.

### AutoScout24 | Senior software engineer
Munich, Germany | from January 2017

Building reliable high-load systems on top of AWS cloud. Creating personalized car recommendation feed based on user behavior. Building car analytics tool on top of Kafka, ElasticSearch and Akka. Leading Scala guild. Using modern JS stack to develop frontend with React, Redux, and ES6.

### WIX.com | Senior backend engineer
Dnipro, Ukraine | September 2015 - December 2017

Working with eCommerce platform built in Scala. Splitting monolith on microservices. Users migration from Magento CMS to CQRS event-sourced backend. Working on lazy event-source mechanism implementation for Scala. Integration of free-text search in the custom event-sourced system with help of ElasticSearch.

### The Social Collective | Fullstack engineer
Dnipro, Ukraine | November 2014 - August 2015

Building a social network for volunteers in Scala. Working on Play2 Framework based webapp. Optimizing of assets size through front-end package managers and refactoring backend architecture to introduce different layers of abstraction.

### Gamelax | Backend engineer
Dnipro, Ukraine | June 2014 - October 2014

Development of event-driven distributed backend on top of Akka and Spray. Managing Akka and MongoDB clusters.

### SysGears | Fullstack engineer
Dnipro, Ukraine | March 2014 - May 2014

Working on different startup-like projects with an usage of Groovy and Grails. Developing integration with Stripe payment system.

### Armored | PHP developer
Dnipro, Ukraine | October 2012 - January 2014

Building a custom eCommerce solution on PHP. Optimizing MySQL queries. Aggregate statistics for management.