

# Arthur Kushka.

principal engineer

## contact.

London, United Kingdom  
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<https://archdev.me>

## bio.

I help engineers build products with fun and ease at Facebook Reality Labs. Creating intuitive and pleasant to use developer tooling and experiences. Designing developer experience for next AR, VR and wearable devices computing platform. Leading developer tooling team of React Native based application framework for Oculus VR headsets.

## activities.

Recursion Schemes and Fixed Point Data Types  
[flatMap\(Oslo\) 2017](#), ScalaUA 2017

Metaprogramming magic with Scalameta - [article](#)

Open-source contributions:

- [akka-http-rest](#) - authored example application which became a seed for hundreds of new projects
- [Microsoft VS Code](#) - contributed filtering for debugger console
- [Metro \(React Native\)](#) - integrated Hermes bytecode compiler
- [Watchman \(Eden\)](#) - debugged and contributed stability fixes for Windows runtime

## education.

**Bachelor's degree in Computer Science**  
Oles Honchar Dnipro National University

## experience.

### **Facebook | Principal software engineer**

London, United Kingdom | from December 2018

Working on developer tooling for XROS (novel AR/VR operating system) and VR application framework. Designing developer experience for next AR, VR and wearable devices computing platform. Leading developer tooling team of React Native based application framework for Oculus VR headsets. Worked on native runtime for VR application framework and contributed to Watchman (Eden), Metro (React Native) and Hermes VM projects.

### **AutoScout24 | Senior software engineer**

Munich, Germany | January 2017 - December 2018

Worked on AWS cloud hosted high-load distributed systems. Lead internal Scala developer community and authored various internal core libraries and tools. Lead development of personalized car recommendation feed driven by machine learning algorithms.

### **WIX.com | Senior backend developer**

Dnipro, Ukraine | September 2015 - December 2017

Worked on high-load distributed Scala backend for ecommerce as a service platform. Maintained CQRS event-sourcing data processing infrastructure. Integrated Elasticsearch as part of the data processing infrastructure and implemented search API for loosely structured data.

### **Freelance | Fullstack developer**

Dnipro, Ukraine | October 2012 - August 2015

Helped customers to bootstrap MVPs, deliver new features to existing products and integrate with third-party services. Worked with projects using Scala, Groovy, PHP, NodeJS, AngularJS, Backbone, MySQL, MongoDB. Managed service deployments with Docker and continuous integration pipelines.