

# Artem Ostankov

*SOFTWARE AS AN ART*

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Senior Full-Stack Developer (Frontend + Backend + Devops)  
and Startup Entrepreneur.

Broad experience across the board: backend, frontend and management for  
dynamic web projects.

Focused on full-stack development of scalable web-apps.

Currently preferred tech-stack:

**Frontend: ReactJS (Typescript / ES6+)**

Backend: NodeJS / Python

Cloud: AWS / GCloud, Serverless

Preferred Frontend tools & libs:

Jest, Cypress, Mobx, Redux, Lodash, DateFns, Babel, Webpack, Yarn, Lerna,  
NextJs, GraphQL, PixiJs, Firebase, etc.

# Work Experience

## Contract, Senior Frontend Developer

Jan 2020 – current

German Edge Cloud

[oncite.io](http://oncite.io)

*ReactJS development. Industry 4.0 – factory digitalization.*

Responsibilities:	<ul style="list-style-type: none"><li>Frontend: ReactJS, Typescript, Jest, Cypress, Mobx</li></ul>
Main Techs:	Frontend 100%
Techs and Skills:	ReactJS, Typescript, Jest, Cypress, Mobx, MobxStateTree, MaterialUI, Git.

## Contract, Senior Frontend Developer

Feb 2019 – Dec 2019

Münchener Hypothekenbank

[www.muenchenerhyp.de](http://www.muenchenerhyp.de)

*ReactJS development. Rebuilding Bank website with modern tech-stack.*

Responsibilities:	<ul style="list-style-type: none"><li>Frontend: ReactJS, Redux, Typescript, Jest, TestCofe</li></ul>
Main Techs:	Frontend 90%                      DevOps 10%
Techs and Skills:	ReactJS, Redux, Typescript, Jest, TestCofe, Git, Agile, Docker

## US Remote Contract, Full Stack

Apr 2018 – Feb 2019

Constructor.io

[www.constructor.io](http://www.constructor.io)

*Searchbox as a Service. JS, React, Micro-services, AWS, Python, Data Science.*

Responsibilities:	<ul style="list-style-type: none"><li>Back-end: Python.</li><li>DevOps: AWS, Docker, DataDog, OpsViktor</li><li>Frontend: React, Vanila JS</li></ul>
Main Techs:	Backend 50%                      Frontend: 30%                      DataScience: 20%
Techs and Skills:	AWS, Micro-Service Architecture, Python, Full-Stack Development, NLP

## Contract Project, Full-Stack Developer

Nov 2016 – Apr 2018

Scout24

[www.autoscout24.com](http://www.autoscout24.com)

*Full-stack web development. Micro-services, AWS, Scala, JS, React.*

Responsibilities:	<ul style="list-style-type: none"><li>Back-end: Scala, Java, JVM, Python, Play framework.</li><li>DevOps: AWS, CloudFormation, OpsGenie, Git, Kibana</li><li>Front-End: React, JS, HTML, SASS, CSS, Casper.</li></ul>
Main Techs:	Backend 50%                      Frontend 50%
Techs and Skills:	AWS, Micro-Service Architecture, Web Development, Full-Stack Development, React.

**Founder, CTO****All Pics**

Jun 2017 – current

[www.all.pics](http://www.all.pics)*Serverless photo sharing platform in NodeJS and ReactJS.**Bootstrapped to hundreds of users as 1-person team.*

Responsibilities:	<ul style="list-style-type: none"> <li>• Back-end: Serverless, NodeJS.</li> <li>• DevOps: AWS, GoogleCloud, Serverless.</li> <li>• Front-End: React, Mobx, Typescript.</li> <li>• Others: Image Recognition, WebSockets.</li> </ul>
Main Techs:	Frontend 70%      Backend 20%      BuzDev - 10%
Techs and Skills:	AWS, Micro-Service Architecture, Web Development, Full-Stack Development, React, NextJS, Mobx, Redux, MaterailUI, Styled-Components.

**Co-Founder, CTO.****Building Radar GmbH.**

Apr 2015 – Oct 2016

[www.buildingradar.com](http://www.buildingradar.com)

*CTO, responsibility for the technical side of the company. Building technology from scratch and scaling that up in terms of users, data size and tech team. Started as 3 co-founders and grown that up to 20+ people, terabytes of data and many happy costumers.*

Responsibilities:	<ul style="list-style-type: none"> <li>• Early stage: customer research, prototyping, tech stack selection, investors/competitions negotiations.</li> <li>• Mid stage: architecture development, development-team building and management, leading development (doing a lot of coding and communication) of most critical parts.</li> <li>• Later stage: research &amp; development, technology picture and orientation.</li> </ul>
Main Techs:	Python 75%                      Front-end 15%                      Others 10%
Techs and Skills:	Big Data Architecture, Amazon Web Services, Google Cloud Platform, Data Pipeline, Map-Reduce, Hadoop, Spark, Natural Language Processing, Machine Learning, Web Scraping, Full-Stack web development, Fast prototyping, Tech team Management.
Media and Awards	Scout24 Accelerator Award (+ 20.000 \$) Founder.org – 1 <sup>st</sup> place (+ 500.000 \$) Nanjing State Development Award (+ 600.000 \$) ESA Award ( +50.000 \$)

**Senior Software Developer**

Feb 2014 – Apr 2015

**Cliqz GmbH.**[www.cliqz.com](http://www.cliqz.com)*Senior Software Developer: mainly Back-end, Search Engine, Scaling to Millions of Daily users.*

Responsibilities:	<ul style="list-style-type: none"> <li>• Project owner &amp; Lead developer – “Rich header”: part of search engine, responsible of showing smart snippets dependent on context of the query.</li> <li>• Project owner &amp; Lead developer – “People Search”: part of the search engine, specialized on finding people profiles in internet.</li> <li>• Python back-end development.</li> <li>• Project scaling (architecture &amp; team leading)</li> <li>• Result oriented R&amp;D with deadlines.</li> </ul>
Main Techs:	Python 85%                      Front-end 15%
Techs and Skills:	Amazon Web Services, EMR (AWS Map-Reduce), Elastic Search, Web Scraping, High Scale Architecture, Big Data Processing, Natural Language Processing, Machine Learning, Small Tech-team Management.
Media and Awards	Mozilla strategic investment ( <a href="http://tcrn.ch/2bepvHy">http://tcrn.ch/2bepvHy</a> )

**Master Thesis, R&D**

Jun 2013 – Jan 2014

**Siemens Corporate Technology (R&D)**[www.siemens.com](http://www.siemens.com)*Work on master thesis at Siemens R&D Department.**Research topic: Machine learning in Semantic Web.*

Responsibilities:	<ul style="list-style-type: none"> <li>• Natural Language Processing.</li> <li>• Big Data analysis.</li> <li>• Question-Answering system.</li> <li>• Research &amp; Development.</li> <li>• Research paper and thesis writing.</li> </ul>
Main Techs:	Java 90%                      Other 10%
Techs and Skills:	Machine learning, Natural Language Processing, Big Data processing, R&D, WEKA.
Media and Awards	LinkedHealthAnswers: Towards Linked Data-driven Question Answering for the Health Care Domain ( <a href="http://bit.ly/2d4foLt">http://bit.ly/2d4foLt</a> )

**Software Developer (Part-time)**

Jul 2012 – Jul 2013

**Next Munich GmbH. The App Agency**[www.next-munich.com](http://www.next-munich.com)*Mobile Development (Android, iOS).**Full-stack Web App Development on Google App engine.*

Responsibilities:	<ul style="list-style-type: none"> <li>• Android, iPhone apps development.</li> <li>• Research &amp; Development.</li> <li>• Back-end &amp; Web site development using GAE and Slim3.</li> </ul>
Main Techs:	Java 85%                      iOS 15%
Techs and Skills:	Android, Google App Engine, Slim3, JS, HTML, CSS, R&D

**Software Developer**

Jun 2011 – Jun 2012

**DigitalMobil GmbH. The App Agency**[www.digitalmobil.com](http://www.digitalmobil.com)*Mobile Development (Android).**Back-end Development with ASP.Net*

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|-------------------|---|
| Responsibilities: | <ul style="list-style-type: none"> <li>• Android development.</li> <li>• Application architecture development.</li> </ul> |
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Main Techs:	Java 85%	C# 15%
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Techs and Skills:	Android, ASP.Net, R&D
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**Mobile Software Developer**

Mar 2010 – Jun 2011

**Layar - Augmented Reality Browser**[www.layar.com](http://www.layar.com)*Mobile Android Development for cutting edge mobile app: augmented information (3d, 2d, text) on top of camera image. Rendered information is based on geo-location.*

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| Responsibilities: | <ul style="list-style-type: none"> <li>• Android development.</li> <li>• Core and OpenGL.</li> </ul> |
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Main Techs:	Java 100%
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Techs and Skills:	Android, OpenGL, R&D
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Media and Awards	Intel Capital Augments Layar's Reality With A \$14 Million Capital Infusion ( <a href="http://tcrn.ch/cOyejA">http://tcrn.ch/cOyejA</a> )
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**Software Developer**

Nov 2008 – Mar 2010

**CyberVision**[www.cybervisiontech.com](http://www.cybervisiontech.com)*Developing different project with Java.**Developing TV broadcasting app with C.*

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| Responsibilities: | <ul style="list-style-type: none"> <li>• Java software development in distributed application.</li> <li>• C developer (TV broadcasting application for different platforms).</li> <li>• Research and Development Group.</li> </ul> |
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Main Techs:	Java 70%	C 30%
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Techs and Skills:	J2EE, J2SE, CORBA, R&D
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**Freelance Software Developer**

Jun 2006 – Nov 2008

*.NET Windows apps development. Web Development.**Development of games and software for Android platform.*

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| Responsibilities: | <ul style="list-style-type: none"> <li>• Client Java development.</li> <li>• Android Java development.</li> <li>• ASP.Net.</li> <li>• Chess Program on .NET ( UI, Logic, Networking).</li> </ul> |
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Main Techs:	C# 60%	Java 40%
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Techs and Skills:	Android, OpenGL, .NET, ASP.Net, HTML, JS, CSS, AI
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# Education

- **M.Sc in Computer Science:** Technische Universität München, München (2011 – 2014), Department of Informatics.
- **B.Sc in Computer Science:** International Solomon university, Kiev (2006 – 2010), Department of Computer Science.
- **Secondary education:** Gymnasium #1, Simferopol (1996-2006)

# Languages

- **English:** Professional
- **German:** Fluent
- **Russian & Ukrainian:** Mother tongue

# References

- **Michael Cornel:** Head of Software Development  
<https://de.linkedin.com/in/michaelcornel>
- **Gazanfer Ercan:** Senior Software Architect at Münchener Hypothekenbank  
<https://www.linkedin.com/in/gazanfer-ercan-81aa52a7>
- **Alex Yefremov:** Co-Founder(shared-album.com), Mobile Team Lead (Pro7):  
<https://de.linkedin.com/in/oleksandryefremov>
- **Paul Indinger:** CEO, Co-Founder at Building Radar GmbH, [indinger@buildingradar.com](mailto:indinger@buildingradar.com)
- **Mark Al-Hames:** CEO of Cliqz GmbH, [marc@cliqz.com](mailto:marc@cliqz.com)
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